

Datasheet for ABIN7598964  
**anti-TCEB2 antibody (AA 1-118)**



[Go to Product page](#)

## Overview

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| Quantity:            | 100 µg                                                                                                                              |
| Target:              | TCEB2                                                                                                                               |
| Binding Specificity: | AA 1-118                                                                                                                            |
| Reactivity:          | Human, Mouse, Rat                                                                                                                   |
| Host:                | Rabbit                                                                                                                              |
| Clonality:           | Polyclonal                                                                                                                          |
| Conjugate:           | This TCEB2 antibody is un-conjugated                                                                                                |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS) |

## Product Details

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| Purpose:                    | Anti-TCEB2/Elongin-B/ELOB Antibody Picoband®                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen:                  | E.coli-derived human TCEB2/Elongin-B/ELOB recombinant protein (Position: M1-Q118).                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype:                    | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Characteristics:            | Anti-TCEB2/Elongin-B/ELOB Antibody Picoband® (ABIN7598964). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance. |
| Purification:               | Immunogen affinity purified.                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Target Details

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| Target:           | TCEB2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Alternative Name: | ELOB ( <a href="#">TCEB2 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Background:       | <p>Synonyms: Lymphocyte antigen 6A-2/6E-1, Ly-6A.2/Ly-6E.1, Stem cell antigen 1, SCA-1, T-cell-activating protein, TAP, Ly6a, Ly6,</p> <p>Tissue Specificity: Widely expressed. .</p> <p>Background: Elongin B is a protein that in humans is encoded by the ELOB gene. This gene encodes the protein elongin B, which is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. Pseudogenes have been identified on chromosomes 11 and 13.</p> |
| Molecular Weight: | 17 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene ID:          | 6923                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt:          | <a href="#">Q15370</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pathways:         | <a href="#">SARS-CoV-2 Protein Interactome</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Application Details

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| Application Notes: | <p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Aso, T., Lane, W. S., Conaway, J. W., Conaway, R. C. Elongin (SIII): a multisubunit regulator of elongation by RNA polymerase II. Science 269: 1439-1443, 1995. 2. Duan, D. R., Pause, A., Burgess, W. H., Aso, T., Chen, D. Y. T., Garrett, K. P., Conaway, R. C., Conaway, J. W., Linehan, W. M., Klausner, R. D. Inhibition of transcription elongation by the VHL tumor suppressor protein. Science 269: 1402-1406, 1995. 3. Kibel, A., Iliopoulos, O., DeCaprio, J. A., Kaelin, W. G., Jr. Binding of the von Hippel-Lindau tumor suppressor protein to elongin B and C. Science 269:</p> |
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Application Details

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|                  | 1444-1446, 1995.                                                                                                                                                                                     |
| Restrictions:    | For Research Use only                                                                                                                                                                                |
| Handling         |                                                                                                                                                                                                      |
| Format:          | Lyophilized                                                                                                                                                                                          |
| Reconstitution:  | Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.                                                                                                                            |
| Concentration:   | 500 µg/mL                                                                                                                                                                                            |
| Buffer:          | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.                                                                                                                                      |
| Storage:         | 4 °C,-20 °C                                                                                                                                                                                          |
| Storage Comment: | At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.<br>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing. |