

Datasheet for ABIN955125  
**anti-TCEB2 antibody (N-Term)**



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1 Image

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.4 mL                                          |
| Target:              | TCEB2                                           |
| Binding Specificity: | AA 1-29, N-Term                                 |
| Reactivity:          | Human, Mouse                                    |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This TCEB2 antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|                             |                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------|
| Immunogen:                  | KLH conjugated synthetic peptide between 1-29 amino acids from the N-terminal region of human TCEB2 |
| Isotype:                    | Ig Fraction                                                                                         |
| Specificity:                | This antibody detects TCEB2 (N-term).                                                               |
| Cross-Reactivity (Details): | Species reactivity (tested): Human, mouse                                                           |
| Purification:               | Protein A column followed by peptide affinity purification                                          |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | TCEB2                                    |
| Alternative Name: | TCEB2 ( <a href="#">TCEB2 Products</a> ) |

## Target Details

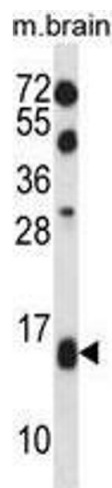
|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:     | <p>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. Synonyms: EloB, Elongin 18 kDa subunit, Elongin B, Elongin-B, RNA polymerase II transcription factor SIII subunit B, Transcription elongation factor B polypeptide 2</p> |
| Gene ID:        | 6923                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| NCBI Accession: | <a href="#">NP_009039</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Pathways:       | <a href="#">SARS-CoV-2 Protein Interactome</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.25 mg/mL                                                                                                             |
| Buffer:            | PBS, 0.09 % (W/V) sodium azide                                                                                         |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C/-20 °C                                                                                                            |
| Storage Comment:   | Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.                                          |



Western Blotting

**Image 1.** TCEB2 Antibody (N-term) western blot analysis in mouse brain tissue lysates (35 µg/lane). This demonstrates the TCEB2 antibody detected the TCEB2 protein (arrow).