

Datasheet for ABIN7600091
anti-UBXN8 antibody (AA 149-270)



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Overview

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| Quantity: | 100 µg |
| Target: | UBXN8 |
| Binding Specificity: | AA 149-270 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This UBXN8 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS) |

Product Details

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| Purpose: | Anti-UBXN8 Antibody Picoband® |
| Immunogen: | E.coli-derived human UBXN8 recombinant protein (Position: N149-N270). |
| Isotype: | IgG |
| Cross-Reactivity (Details): | No cross-reactivity with other proteins |
| Characteristics: | Anti-UBXN8 Antibody Picoband® (ABIN7600091). Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human. 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: | UBXN8 |
| Alternative Name: | UBXN8 (UBXN8 Products) |
| Background: | <p>Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,</p> <p>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .</p> <p>Background: p97 or VCP (valosin-containing protein) is a versatile ATPase complex, and many cofactors are required for the p97 functional diversity. This gene encodes one of the p97 cofactors. This cofactor is a transmembrane protein and localized in the endoplasmic reticulum (ER) membrane. It tethers p97 to the ER membrane via its UBX domain. The association of this cofactor with p97 facilitates efficient ER-associated degradation of misfolded proteins. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> |
| Molecular Weight: | 36 kDa |
| Gene ID: | 7993 |
| UniProt: | O00124 |
| Pathways: | SARS-CoV-2 Protein Interactome |

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</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Yamabe, Y., Ichikawa, K., Sugawara, K., Imamura, O., Shimamoto, A., Suzuki, N., Tokutake, Y., Goto, M., Sugawara, M., Furuichi, Y. Cloning and characterization of Rep-8 (D8S2298E) in the human chromosome 8p11.2-p12. Genomics 39: 198-204, 1997.</p> |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL. |
| Concentration: | 500 µg/mL |

Handling

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| Buffer: | Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ . |
| 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. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing. |