Datasheet for ABIN7602003

anti-EDEM3 antibody (AA 54-795)

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Overview

Quantity:	100 µg
Target:	EDEM3
Binding Specificity:	AA 54-795
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EDEM3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-EDEM3 Antibody Picoband®
Immunogen:	E.coli-derived human EDEM3 recombinant protein (Position: N54-D795).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-EDEM3 Antibody Picoband® (ABIN7602003). Tested in ELISA, 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

Target:	EDEM3
Alternative Name:	EDEM3 (EDEM3 Products)
Background:	Synonyms: Pre T-cell antigen receptor alpha, pT-alpha, pTa, pT-alpha-TCR, PTCRA Tissue Specificity: Expressed in immature but not mature T-cells. Also found in CD34+ cells from peripheral blood, CD34+ precursors from umbilical cord blood and adult bone marrow. Background: ER degradation-enhancing alpha-mannosidase-like 3 is an enzyme that in humans is encoded by the EDEM3 gene. Quality control in the endoplasmic reticulum (ER) ensures that only properly folded proteins are retained in the cell through recognition and degradation of misfolded or unassembled proteins. EDEM3 belongs to a group of proteins that accelerate degradation of misfolded glycoproteins in the ER.
Molecular Weight:	105 kDa
Gene ID:	80267
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Hirao, K., Natsuka, Y., Tamura, T., Wada, I., Morito, D., Natsuka, S., Romero, P., Sleno, B., Tremblay, L. O., Herscovics, A., Nagata, K., Hosokawa, N. EDEM3, a soluble EDEM homolog, enhances glycoprotein endoplasmic reticulum-associated degradation and mannose trimming. J. Biol. Chem. 281: 9650-9658, 2006. 2. Sood, R., Bonner, T. I., Makalowska, I., Stephan, D. A., Robbins, C. M., Connors, T. D., Morgenbesser, S. D., Su, K., Faruque, M. U., Pinkett, H., Graham, C., Baxevanis, A. D., Klinger, K. W., Landes, G. M., Trent, J. M., Carpten, J. D. Cloning and characterization of 13 novel transcripts and the human RGS8 gene from the 1q25 region encompassing the hereditary prostate cancer (HPC1) locus. Genomics 73: 211-222, 2001.
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

Handling

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. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.