

Datasheet for ABIN7600540
anti-SEC13 antibody (AA 20-305)



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Overview

Quantity:	100 µg
Target:	SEC13
Binding Specificity:	AA 20-305
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEC13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-SEC13L1/SEC13 Antibody Picoband®
Immunogen:	E.coli-derived human SEC13L1/SEC13 recombinant protein (Position: Q20-K305).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SEC13L1/SEC13 Antibody Picoband® (ABIN7600540). Tested in ELISA, Flow Cytometry, IF, 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

Target:	SEC13
Alternative Name:	SEC13 (SEC13 Products)
Background:	Synonyms: Vasoactive intestinal polypeptide receptor 1, VIP-R-1, Pituitary adenylate cyclase-activating polypeptide type II receptor, PACAP type II receptor, PACAP-R-2, PACAP-R2, VPAC1, VIPR1 Tissue Specificity: In lung, HT-29 colonic epithelial cells, Raji B-lymphoblasts. Lesser extent in brain, heart, kidney, liver and placenta. Not expressed in CD4+ or CD8+ T-cells. Expressed in the T-cell lines HARRIS, HuT 78, Jurkat and SUP-T1, but not in the T- cell lines Peer, MOLT-4, HSB and YT. Background: Protein SEC13 homolog is a protein that in humans is encoded by the SEC13 gene. The protein encoded by this gene belongs to the SEC13 family of WD-repeat proteins. It is a constituent of the endoplasmic reticulum and the nuclear pore complex. It has similarity to the yeast SEC13 protein, which is required for vesicle biogenesis from endoplasmic reticulum during the transport of proteins. Multiple alternatively spliced transcript variants have been found.
Molecular Weight:	36 kDa
Gene ID:	6396
UniProt:	P55735

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Bar-Peled, L., Chantranupong, L., Cherniack, A. D., Chen, W. W., Ottina, K. A., Grabiner, B. C., Spear, E. D., Carter, S. L., Meyerson, M., Sabatini, D. M. A tumor suppressor complex with GAP activity for the Rag GTPases that signal amino acid sufficiency to mTORC1. Science 340: 1100-1106, 2013. 2. Cronshaw, J. M., Krutchinsky, A. N., Zhang, W., Chait, B. T., Matunis, M. J. Proteomic analysis of the mammalian nuclear pore complex. J. Cell Biol. 158: 915-927, 2002. 3. Enninga, J., Levay, A., Fontoura, B. M. A. Sec13 shuttles between the nucleus and the cytoplasm and stably interacts with Nup96 at the nuclear pore complex. Molec. Cell. Biol. 23: 7271-7284, 2003.
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 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.