

Datasheet for ABIN7600303
anti-SEC24C antibody (AA 178-1033)



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Overview

Quantity:	100 µg
Target:	SEC24C
Binding Specificity:	AA 178-1033
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEC24C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SEC24C Antibody Picoband®
Immunogen:	E.coli-derived human SEC24C recombinant protein (Position: L178-R1033).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SEC24C Antibody Picoband® (ABIN7600303). 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:	SEC24C
Alternative Name:	SEC24C (SEC24C Products)
Background:	<p>Synonyms: BAG family molecular chaperone regulator 5,BAG-5,Bcl-2-associated athanogene 5,BAG5,KIAA0873,</p> <p>Tissue Specificity: Expressed in all tissues examined with lower levels in brain and testis.</p> <p>Background: Protein transport protein Sec24C is a protein that in humans is encoded by the SEC24C gene. The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec24p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The product of this gene may play a role in shaping the vesicle, as well as in cargo selection and concentration. Alternatively spliced transcript variants encoding the same protein have been identified.</p>
Molecular Weight:	118 kDa
Gene ID:	9632
UniProt:	P53992

Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Cui, Y., Parashar, S., Zahoor, M., Needham, P. G., Mari, M., Zhu, M., Chen, S., Ho, H.-C., Reggiori, F., Farhan, H., Brodsky, J. L., Ferro-Novick, S. A COPII subunit acts with an autophagy receptor to target endoplasmic reticulum for degradation. Science 365: 53-60, 2019. 2. Nomura, N., Nagase, T., Miyajima, N., Sazuka, T., Tanaka, A., Sato, S., Seki, N., Kawarabayasi, Y., Ishikawa, K., Tabata, S. Prediction of the coding sequences of unidentified human genes. II. The coding sequences of 40 new genes (KIAA0041-KIAA0080) deduced by analysis of cDNA clones from human cell line KG-1. DNA Res. 1: 223-229, 1994. 3. Pagano, A., Letourneur, F., Garcia-Estefania, D., Carpentier, J.-L., Orci, L., Paccaud, J.-P. Sec24 proteins and sorting at the endoplasmic reticulum. J. Biol. Chem. 274: 7833-7844, 1999.</p>
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.