Datasheet for ABIN7600428

anti-SEC23A antibody (AA 190-579)

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Overview

Quantity:	100 µg
Target:	SEC23A
Binding Specificity:	AA 190-579
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEC23A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-SEC23A Antibody Picoband®
Immunogen:	E.coli-derived human SEC23A recombinant protein (Position: R190-Q579).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SEC23A Antibody Picoband® (ABIN7600428). Tested in ELISA, Flow Cytometry, IF, IHC, 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:	SEC23A
Alternative Name:	SEC23A (SEC23A Products)
Background:	Synonyms: E3 ISG15--protein ligase HERC5, Cyclin-E-binding protein 1, HECT domain and RCC1-like domain-containing protein 5, HERC5, CEB1, CEBP1 Tissue Specificity: Expressed in testis and to a lesser degree in brain, ovary and placenta. Found in most tissues at low levels. Background: Sec23 homolog A (S. cerevisiae), also known as SEC23A, is a protein which in humans is encoded by the SEC23A gene. The protein encoded by this gene is a member of the SEC23 subfamily of the SEC23/SEC24 family. It is part of a protein complex and found in the ribosome-free transitional face of the endoplasmic reticulum (ER) and associated vesicles. This protein has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The encoded protein is suggested to play a role in the ER-Golgi protein trafficking.
Molecular Weight:	86 kDa
Gene ID:	10484
UniProt:	Q15436

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Boyadjiev, S. A., Fromme, J. C., Ben, J., Chong, S. S., Nauta, C., Hur, D. J., Zhang, G., Hamamoto, S., Schekman, R., Ravazzola, M., Orci, L., Eyaid, W. Cranio-lenticulo-sutural dysplasia is caused by a SEC23A mutation leading to abnormal endoplasmic-reticulum-to-Golgi trafficking. Nature Genet. 38: 1192-1197, 2006. 2. Boyadjiev, S. A., Justice, C. M., Eyaid, W., McKusick, V. A., Lachman, R. S., Chowdry, A. B., Jabak, M., Zwaan, J., Wilson, A. F., Jabs, E. W. A novel dysmorphic syndrome with open calvarial sutures and sutural cataracts maps to chromosome 14q13-q21. Hum. Genet. 113: 1-9, 2003. 3. Boyadjiev, S. A., Kim, S.-D., Hata, A., Haldeman-Englert, C., Zackai, E. H., Naydenov, C., Hamamoto, S., Schekman, R. W., Kim, J. Cranio-lenticulo-sutural dysplasia associated with defects in collagen secretion. Clin. Genet. 80: 169-176, 2011.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 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 Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	Store 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 freeze-thaw cycles.