

Rabbit SEC22B Polyclonal Antibody | anti-SEC22B antibody

SEC22B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322688	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

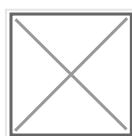
PRODUCT SYNONYMS

SEC22B; Polyclonal Antibody; SEC22B Antibody; ERS 24; ERS24; SEC22 vesicle trafficking protein homolog B; SEC22 vesicle trafficking protein like 1; SEC22L 1; Vesicle trafficking protein SEC22b; anti-SEC22B antibody

PRODUCT SPECIFICATIONS

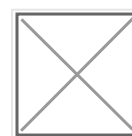
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SEC22B antibody detects endogenous levels of total SEC22B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	215
Applicable Applications for anti-SEC22B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SEC22B
Subcellular Location	Endoplasmic Reticulum; Golgi apparatus
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA322688 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis SEC22B using 293 whole cell lysates



IF (Immunofluorescence)

AAA322688 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SEC22B antibody	Function: SNARE involved in targeting and fusion of ER-derived transport vesicles with the Golgi complex as well as Golgi-derived retrograde transport vesicles with the ER. Subunit Structure: Interacts with STX17 (By similarity). Component of two distinct SNARE complexes consisting of STX5, GOSR2/BOS1, BET1 and SEC22B or STX18, USE1L, BNIP1/SEC20L and SEC22B. YKT6 can probably replace SEC22B in either complex. Interacts with the COPII Sec23/24 complex composed of SEC23A and SEC24A; recruits SEC22B into COPII-coated vesicles to allow its transport from the endoplasmic reticulum to the Golgi (PubMed:17499046, PubMed:18843296). Similarity: Belongs to the synaptobrevin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	380837121
NCBI GeneID	9554
NCBI Accession #	NP_004883.3
NCBI GenBank Nucleotide #	NM_004892.5
UniProt Accession #	O75396; A8K1G0
Molecular Weight	Observed: 25 kDa Predicted: 25 kDa
NCBI Official Full Name	vesicle-trafficking protein SEC22b
NCBI Official Synonym Full Names	SEC22 homolog B, vesicle trafficking protein (gene/pseudogene)
NCBI Official Symbol	SEC22B
NCBI Official Synonym Symbols	ERS-24; SEC22L1
NCBI Protein Information	vesicle-trafficking protein SEC22b
UniProt Protein Name	Vesicle-trafficking protein SEC22b
UniProt Gene Name	SEC22B
UniProt Synonym Gene Names	SEC22L1; ERS-24; ERS24

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sec22b-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322688>