

Rabbit SEC62 Polyclonal Antibody | anti-SEC62 antibody

SEC62 Antibody (N-term)

CATALOG # AAA288509	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
-------------------------------	-----------------------	--	--

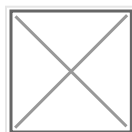
PRODUCT SYNONYMS

SEC62; Polyclonal Antibody; SEC62 Antibody (N-term); Translocation protein SEC62; Translocation protein 1; TP-1; hTP-1; TLOC1; anti-SEC62 antibody

PRODUCT SPECIFICATIONS

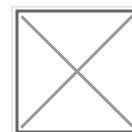
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SEC62 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SEC62.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	399
Applicable Applications for anti-SEC62 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

SEC62 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of SEC62 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

SEC62 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the SEC62 antibody detected the SEC62 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SEC62 antibody	The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. The protein encoded by this gene and SEC63 protein are found to be associated with ribosome-free SEC61 complex. It is speculated that Sec61-Sec62-Sec63 may perform post-translational protein translocation into the ER. The Sec61-Sec62-Sec63 complex might also perform the backward transport of ER proteins that are subject to the ubiquitin-proteasome-dependent degradation pathway. The encoded protein is an integral membrane protein located in the rough ER.
Product Categories/Family for anti-SEC62 antibody	Signal Transduction
References	Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Lim, J., et al. Cell 125(4):801-814(2006) Jung, V., et al. Mol. Cancer Res. 4(3):169-176(2006) Meyer, H.A., et al. J. Biol. Chem. 275(19):14550-14557(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507525
NCBI GeneID	7095
NCBI Accession #	NP_003253.1
NCBI GenBank Nucleotide #	NM_003262.3
UniProt Accession #	Q99442; O00682; O00729; D3DNQ0
Molecular Weight	45862
NCBI Official Full Name	translocation protein SEC62
NCBI Official Synonym Full Names	SEC62 homolog (S. cerevisiae)
NCBI Official Symbol	SEC62
NCBI Official Synonym Symbols	HTP1; TP-1; Dtrp1; TLOC1
NCBI Protein Information	translocation protein SEC62
UniProt Protein Name	Translocation protein SEC62
UniProt Gene Name	SEC62
UniProt Synonym Gene Names	TLOC1; TP-1; hTP-1
UniProt Entry Name	SEC62_HUMAN

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.