

Product datasheet for **AP53834PU-N**

SEC62 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of Human SEC62
Specificity:	Recognizes SEC62 (N-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide Affinity purification
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	SEC62 homolog, preprotein translocation factor
Database Link:	Entrez Gene 7095 Human Q99442



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Background:

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.

Synonyms:

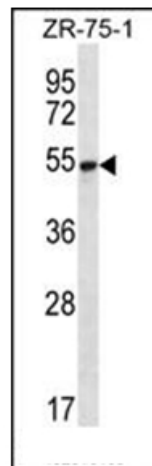
Dtrp1; FLJ32803; hTP-1; HTP1; TLOC1; TP-1

Note:

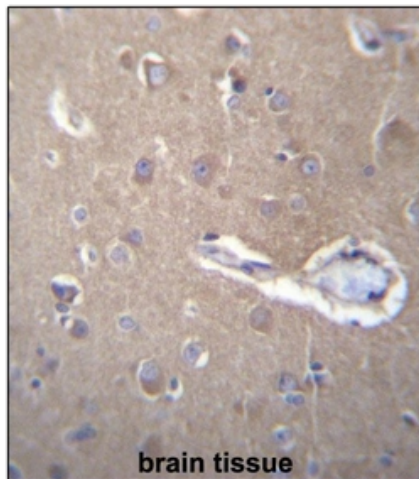
Molecular Weight: 45862 Da

Protein Families:

Druggable Genome, Transmembrane

Product images:


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



Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded Human brain tissue stained with SEC62 antibody (C-term) 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.