



Rabbit Anti-SEC62 antibody

SL19619R

Product Name:	SEC62
Chinese Name:	TransporterSEC62抗体
Alias:	Dtrp1; FLJ32803; hTP-1; HTP1; Membrane protein SEC62, S.cerevisiae, homolog of; OTTHUMP00000213390; sec62; SEC62 homolog (S. cerevisiae); SEC62_HUMAN; TLOC1; TP-1; Translocation protein 1; Translocation protein sec62.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	46kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SEC62:251-350/399
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. [provided by RefSeq, Jul 2008]

Function:

Required for preprotein translocation.

Subunit:

Part of a complex that contains SEC61, SEC62 and SEC63. Interacts with SEC61B.

Subcellular Location:

Endoplasmic reticulum membrane.

Similarity:

Belongs to the SEC62 family.

SWISS:

Q99442

Gene ID:

7095

Database links:

[Entrez Gene: 7095](#) Human

[Entrez Gene: 69276](#) Mouse

[Entrez Gene: 294912](#) Rat

[Omim: 602173](#) Human

[SwissProt: Q99442](#) Human

[SwissProt: Q8BU14](#) Mouse

[Unigene: 592561](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.