

SEC62 / TP-1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15872**Specification**

SEC62 / TP-1 Antibody (C-Terminus) - Product Information

Application	IHC, IF, WB
Primary Accession	O99442
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa

SEC62 / TP-1 Antibody (C-Terminus) - Additional Information**Gene ID** 7095**Other Names**

Translocation protein SEC62, Translocation protein 1, TP-1, hTP-1, SEC62, TLOC1

Target/Specificity

Human SEC62. SEC62 antibody is predicted to not cross-react with other SEC proteins. Multiple isoforms of SEC62 are known to exist.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

SEC62 / TP-1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SEC62 / TP-1 Antibody (C-Terminus) - Protein Information**Name** SEC62**Synonyms** TLOC1**Function**

Mediates post-translational transport of precursor polypeptides across endoplasmic reticulum (ER). Proposed to act as a targeting receptor for small presecretory proteins containing short and apolar signal peptides. Targets and properly positions newly synthesized presecretory proteins into the SEC61 channel-forming translocon complex, triggering channel opening for polypeptide translocation to the ER lumen.

Cellular Location

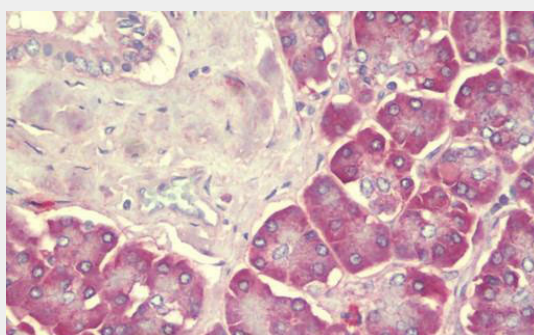
Endoplasmic reticulum membrane; Multi-pass membrane protein

SEC62 / TP-1 Antibody (C-Terminus) - Protocols

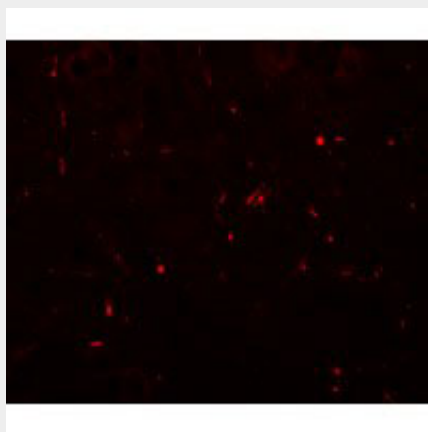
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

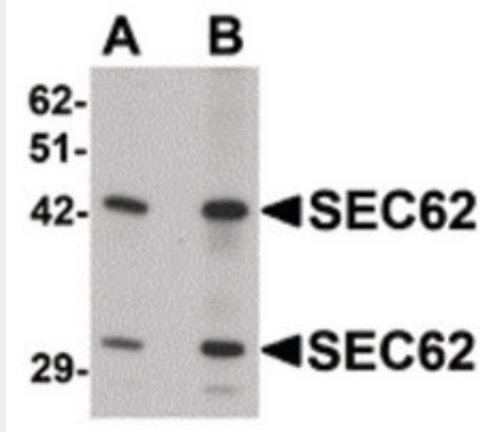
SEC62 / TP-1 Antibody (C-Terminus) - Images



Anti-SEC62 / TP-1 antibody IHC staining of human pancreas.



Immunofluorescence of SEC62 in mouse brain tissue with SEC62 antibody at 20 µg/mL.



Western blot of SEC62 in rat brain tissue lysate with SEC62 antibody at (A) 0.5 and (B) 1 ug/ml.

SEC62 / TP-1 Antibody (C-Terminus) - Background

Required for preprotein translocation.

SEC62 / TP-1 Antibody (C-Terminus) - References

Daimon M.,et al.Biochem. Biophys. Res. Commun. 230:100-104(1997).
Daimon M.,et al.IUBMB Life 48:619-624(1999).
Meyer H.-A.,et al.J. Biol. Chem. 275:14550-14557(2000).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Olsen J.V.,et al.Cell 127:635-648(2006).