

SEC16B Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13812**Specification**

SEC16B Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q96JE7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	117kDa KDa

SEC16B Antibody (C-Terminus) - Additional Information**Gene ID** 89866**Other Names**

Protein transport protein Sec16B, Leucine zipper transcription regulator 2, Regucalcin gene promoter region-related protein p117, RGPR-p117, SEC16 homolog B, SEC16B, KIAA1928, LZTR2, RGPR, SEC16S

Target/Specificity

Human SEC16B

Reconstitution & Storage

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

Precautions

SEC16B Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SEC16B Antibody (C-Terminus) - Protein Information**Name** SEC16B**Synonyms** KIAA1928, LZTR2, RGPR, SEC16S**Function**

Plays a role in the organization of the endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER). Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus (PubMed:<<http://www.uniprot.org/citations/17192411>>17192411, PubMed:<<http://www.uniprot.org/citations/21768384>>21768384, PubMed:<<http://www.uniprot.org/citations/22355596>>22355596). Involved in peroxisome biogenesis. Regulates the transport of peroxisomal biogenesis factors PEX3 and PEX16 from the ER to peroxisomes (PubMed:<<http://www.uniprot.org/citations/21768384>>21768384).

Cellular Location

Endoplasmic reticulum membrane; Peripheral membrane protein. Golgi apparatus membrane; Peripheral membrane protein. Note=Localizes to endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER).

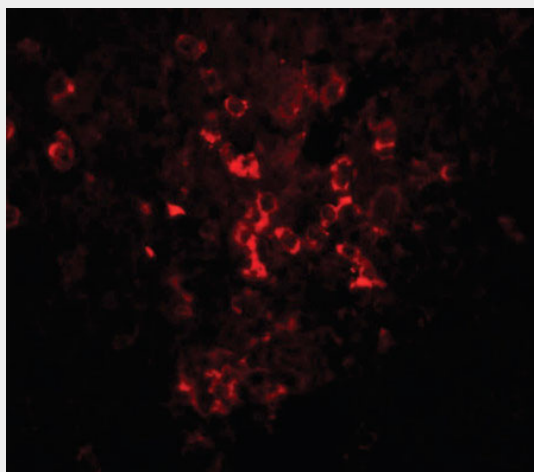
Tissue Location

Ubiquitous.

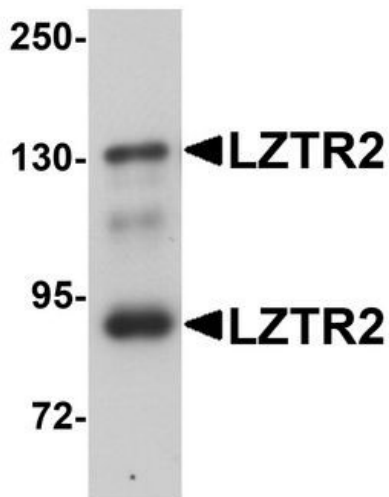
SEC16B Antibody (C-Terminus) - Protocols

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

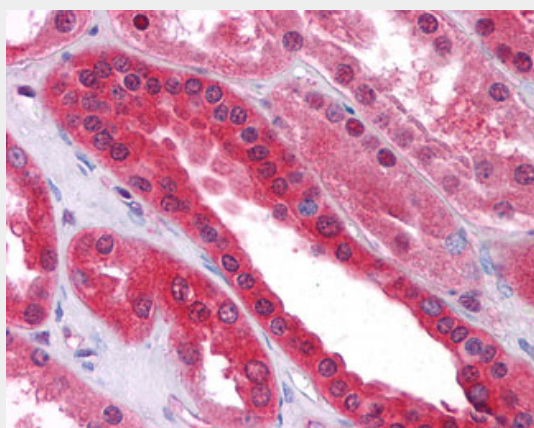
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SEC16B Antibody (C-Terminus) - Images

Immunofluorescence of LZTR2 in mouse kidney tissue with LZTR2 antibody at 20 ug/ml.



Western blot analysis of LZTR2 in mouse kidney tissue lysate with LZTR2 antibody at 1 ug/ml.



Anti-SEC16B antibody IHC of human kidney.

SEC16B Antibody (C-Terminus) - Background

Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus and for normal transitional endoplasmic reticulum (tER) organization.

SEC16B Antibody (C-Terminus) - References

- Misawa H.,et al.Int. J. Mol. Med. 8:513-520(2001).
- Bhattacharyya D.,et al.Mol. Biol. Cell 18:839-849(2007).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Bechtel S.,et al.BMC Genomics 8:399-399(2007).
- Misawa H.,et al.J. Cell. Biochem. 87:188-193(2002).