

LZTR2 Rabbit pAb

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Catalog # AP57172

Product Information

Application	WB
Primary Accession	Q96JE7
Reactivity	Human
Predicted	Rat, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	116604
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LZTR2
Epitope Specificity	351-450/1060
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Endoplasmic reticulum membrane. Golgi apparatus membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SEC16B is a mammalian homolog of <i>S. cerevisiae</i> Sec16 that is required for organization of transitional endoplasmic reticulum (ER) sites and protein export (Bhattacharyya and Glick, 2007 [PubMed 17192411]).[supplied by OMIM, Jun 2009]

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
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

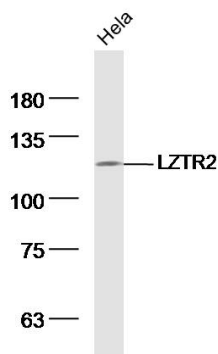
Name	SEC16B
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Synonyms	KIAA1928, LZTR2, RGPR, SEC16S
Function	Plays a role in the organization of the endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER). Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus (PubMed: 17192411 , PubMed: 21768384 , PubMed: 22355596). Involved in peroxisome biogenesis. Regulates the transport of peroxisomal biogenesis factors PEX3 and PEX16 from the ER to peroxisomes (PubMed: 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.

Background

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Images



Sample: HeLa Cell (Human) Lysate at 40 ug
 Primary: Anti-LZTR2 (AP57172) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 117 kD
 Observed band size: 117 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.