

For Research Use Only

SEC61 Alpha Polyclonal antibody

Catalog Number: 24935-1-AP

2 Publications



Basic Information

Catalog Number:

24935-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20779

GenBank Accession Number:

BC026179

GeneID (NCBI):

55176

UNIPROT ID:

Q9H9S3

Full Name:

Sec61 alpha 2 subunit (S. cerevisiae)

Calculated MW:

52 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF, CoIP

Species Specificity:

human, mouse

Cited Species:

human, rat

Positive Controls:

WB : mouse brain tissue, HEK-293 cells, U2OS cells, mouse liver tissue

Background Information

The SEC61 complex is a major component of the endoplasmic reticulum (ER) translocation site (PMID: 7720858). This complex is composed of three subunits: SEC61alpha, SEC61beta and SEC61gamma. SEC61alpha is a polytopic integral membrane protein. It is a core component of the ER translocation complex, playing a crucial role in the insertion of secretory and membrane polypeptides into the ER (PMID: 9512475).

Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Wang	32524001	Sci Adv	IF
Angela L. Whittsette	35938049	iScience	CoIP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

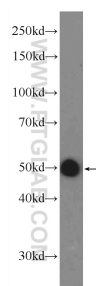
For technical support and original validation data for this product please contact:

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W: ptglab.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 24935-1-AP (SEC61alpha antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.