

SEC61A Rabbit pAb

Catalog # AP53587

Product Information

Primary Accession	Q9H9S3
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	52248

Additional Information

Gene ID	55176
Other Names	Protein transport protein Sec61 subunit alpha isoform 2, Sec61 alpha-2, SEC61A2
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

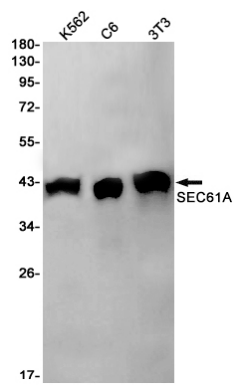
Name	SEC61A2
Function	Component of SEC61 channel-forming translocon complex that mediates transport of signal peptide-containing precursor polypeptides across the endoplasmic reticulum (ER). Forms a ribosome receptor and a gated pore in the ER membrane, both functions required for cotranslational translocation of nascent polypeptides.
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:P61619}; Multi-pass membrane protein

Background

Swiss-Prot Acc.Q9H9S3.Appears to play a crucial role in the insertion of secretory and membrane polypeptides into the ER. It is required for assembly of membrane and secretory proteins. Found to be tightly associated with membrane-bound ribosomes, either directly or through adaptor proteins .

Images

Western blot detection of SEC61A in K562,C6,3T3 cell lysates using SEC61A Rabbit pAb(1:1000 diluted).Predicted band size:52kDa.Observed band size:40kDa.



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