

SEC61A Rabbit mAb

Catalog # AP76063

Product Information

Application	WB, IHC-P, IP
Primary Accession	Q9H9S3
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	52248

Additional Information

Gene ID	55176
Other Names	SEC61A2
Dilution	WB~~1:500-1:1000 IHC-P~~N/A IP~~1:20
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

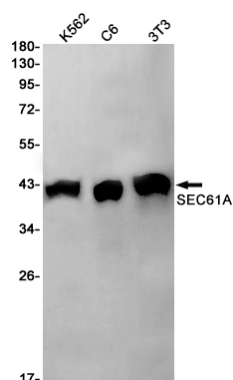
Name	SEC61A2
Function	Component of SEC61 channel-forming translocon complex that mediates transport of signal peptide-containing precursor polypeptides across the endoplasmic reticulum (ER). Forms a ribosome receptor and a gated pore in the ER membrane, both functions required for cotranslational translocation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

Background

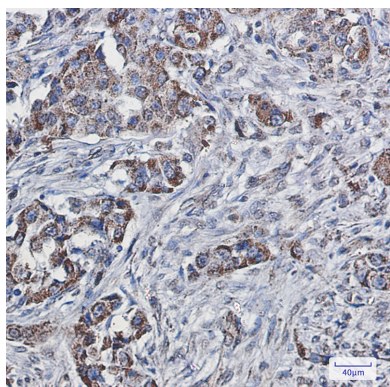
The protein encoded by this gene has similarity to a mouse protein which suggests a role in the insertion of secretory and membrane polypeptides into the endoplasmic reticulum. It may also be required for the

assembly of membrane and secretory proteins. Alternative splicing results in multiple transcript variants.

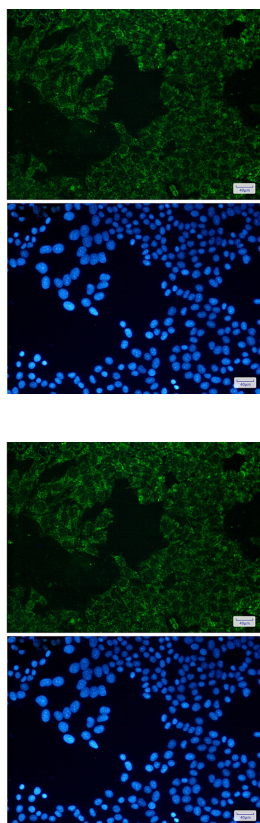
Images



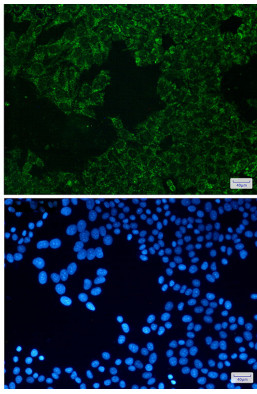
Western blot analysis of SEC61A in K562, C6, 3T3 lysates using SEC61A antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using SEC61A antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of SEC61A (green) in HeLa using SEC61A antibody, and DAPI (blue)



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