

Rabbit SEC61A Polyclonal Antibody | anti-SEC61A1 antibody

SEC61A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329200	Rabbit	Human, Mouse, Rat, Monkey	ELISA

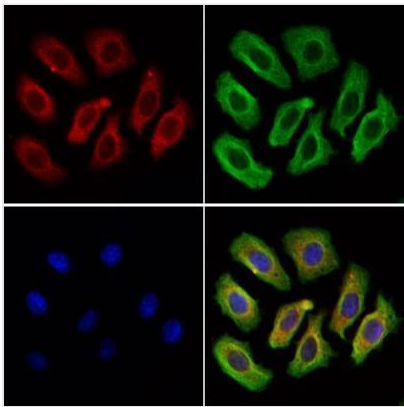
PRODUCT SYNONYMS

SEC61A; Polyclonal Antibody; SEC61A Antibody; chunp6898; fb62c11; HSEC61; protein transport protein SEC61 alpha subunit; protein transport protein Sec61 subunit alpha; Protein transport protein Sec61 subunit alpha isoform 1; S61A1_HUMAN; SEC 61; SEC 61A; Sec61 alpha 1; Sec61 alpha 1 subunit; Sec61 alpha 1 subunit (S. cerevisiae); Sec61 alpha-1; SEC61; Sec61 homolog; SEC61A1; sec61aa; anti-SEC61A1 antibody

PRODUCT SPECIFICATIONS

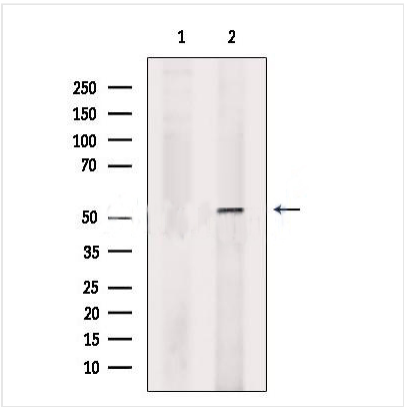
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	SEC61A Antibody detects endogenous levels of total SEC61A.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	476
Applicable Applications for anti-SEC61A1 antibody	ELISA
Immunogen	A synthesized peptide derived from human SEC61A, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



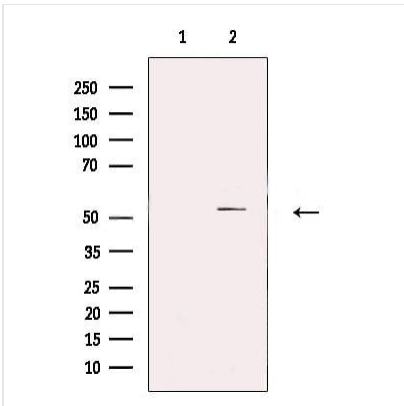
IF (Immunofluorescence)

AAA329200 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA329200 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from VERO cells, using SEC61A Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from Rat brain, using SEC61A Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SEC61A1 antibody

Plays a crucial role in the insertion of secretory and membrane polypeptides in the ER (PubMed: 28782633). Required for assembly of membrane and secretory proteins. Tightly associated with membrane-bound ribosomes, either directly or through adaptor proteins. Plays a role in pronephric kidney tubule development (By similarity.)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019415
NCBI GeneID	29927
NCBI Accession #	NP_037468.1
NCBI GenBank Nucleotide #	NP_037468.1
UniProt Accession #	P61619
Molecular Weight	52 kDa
NCBI Official Full Name	protein transport protein Sec61 subunit alpha isoform 1
NCBI Official Synonym Full Names	SEC61 translocon subunit alpha 1

NCBI Official Symbol	SEC61A1
NCBI Official Synonym Symbols	HNFJ4; SEC61; HSEC61; SEC61A
NCBI Protein Information	protein transport protein Sec61 subunit alpha isoform 1
UniProt Protein Name	Protein transport protein Sec61 subunit alpha isoform 1
UniProt Gene Name	SEC61A1
UniProt Synonym Gene Names	SEC61A; Sec61 alpha-1
UniProt Entry Name	S61A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sec61a-antibody-elisa/329200>