Rabbit SEL1L Polyclonal Antibody | anti-SEL1L antibody

Anti-SEL1L Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126301	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

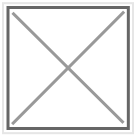
PRODUCT SYNONYMS

SEL1L; Polyclonal Antibody; Anti-SEL1L Antibody Picoband; anti-SEL1L antibody

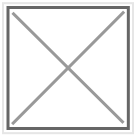
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SEL1L antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human SEL1L recombinant protein (Position: E105-E723).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

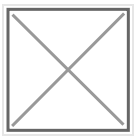
IMAGES



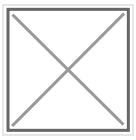
FCM/FACS (Flow Cytometry)
Figure 5. Flow Cytometry analysis of HEL cells using anti-SEL1L antibody (AAA126301).Overlay histogram showing HEL cells stained with AAA126301 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SEL1L Antibody (AAA126301, 1 ug/1x10^6 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10^6) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IF (Immunofluorescence)
Figure 4. IF analysis of SEL1L using anti-SEL1L antibody (AAA126301).SEL1L was detected in an immunocytochemical section of U2OS cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-SEL1L Antibody (AAA126301) overnight at 4 degree C. Cy3 Conjugated Goat Anti-Rabbit IgG (BA1032) was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



IHC (Immunohistochemisry)
Figure 3. IHC analysis of SEL1L using anti-SEL1L antibody (AAA126301).SEL1L was detected in a paraffin-embedded section of rat pancreas tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-SEL1L Antibody (AAA126301) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohiostchemistry)
Figure 2. IHC analysis of SEL1L using anti-SEL1L antibody (AAA126301).SEL1L was detected in a paraffin-embedded section of mouse pancreas tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-SEL1L Antibody (AAA126301) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



WB (Western Blot)
Figure 1. Western blot analysis of SEL1L using anti-SEL1L antibody (AAA126301).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human HepG2 whole cell lysates,Lane 2: human U-87MG whole cell lysates,Lane 3: rat pancreas tissue lysates,Lane 4: mouse pancreas tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SEL1L antigen affinity purified polyclonal antibody (#AAA126301) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for SEL1L at approximately 100 kDa. The expected band size for SEL1L is at 89 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SEL1L antibody	Protein sel-1 homolog 1 is a protein that in humans is encoded by the SEL1L gene. The protein encoded by this gene is part of a protein complex required for the retrotranslocation or dislocation of misfolded proteins from the endoplasmic reticulum lumen to the cytosol, where they are degraded by the proteasome in a ubiquitin-dependent manner. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SEL1L antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	350529338
NCBI GeneID	6400
NCBI Accession #	NP_001231913.1
NCBI GenBank Nucleotide #	NM_001244984.1
UniProt Accession #	Q9UBV2; Q6UWT6; Q9P1T9; Q9UHK7
Molecular Weight	88,755 Da
NCBI Official Full Name	protein sel-1 homolog 1 isoform 2
NCBI Official Synonym Full Names	sel-1 suppressor of lin-12-like (C. elegans)
NCBI Official Symbol	SEL1L
NCBI Official Synonym Symbols	SEL1L1; PRO1063; SEL1-LIKE

NCBI Protein Information	protein sel-1 homolog 1; sel-1 suppressor of lin-12-like 1; suppressor of lin-12-like protein 1; Suppressor of lin 12 (sel-1), C. elegans, homolog of
UniProt Protein Name	Protein sel-1 homolog 1
UniProt Gene Name	**SEL1L**
UniProt Synonym Gene Names	TSA305; UNQ128/PRO1063; Sel-1L
UniProt Entry Name	SE1L1_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/sel1l-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/126301