

Rabbit SEC24C Polyclonal Antibody | anti-SEC24C antibody

Anti-SEC24C Antibody Picoband

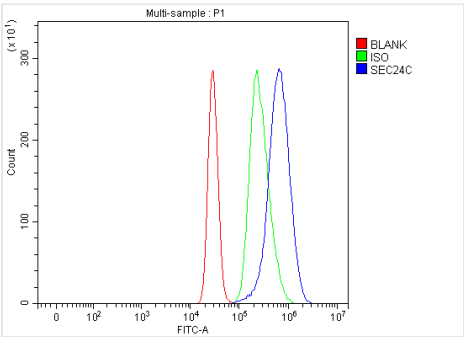
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126493	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

SEC24C; Polyclonal Antibody; Anti-SEC24C Antibody Picoband; anti-SEC24C antibody

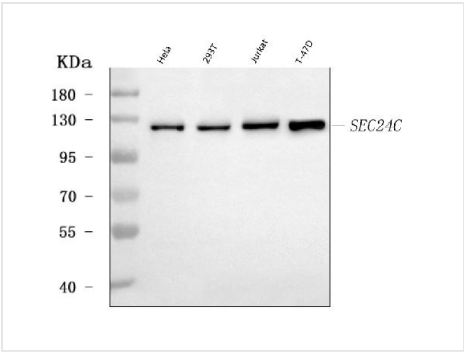
PRODUCT SPECIFICATIONS

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 Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SEC24C antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human SEC24C recombinant protein (Position: L178-R1033).
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.



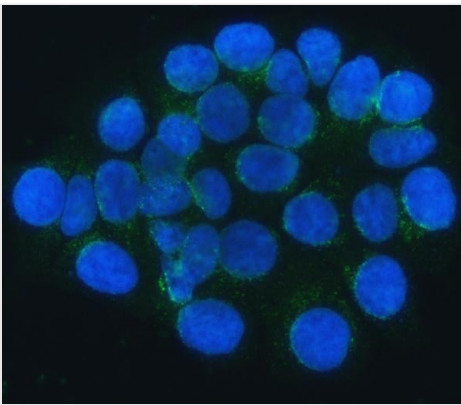
FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of K562 cells using anti-SEC24C antibody (AAA126493).Overlay histogram showing K562 cells stained with AAA126493 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SEC24C Antibody (AAA126493, 1 ug/1x10⁶ 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/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of SEC24C using anti-SEC24C antibody (AAA126493).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 Hela whole cell lysates,Lane 2: human 293T whole cell lysates,Lane 3: human Jurkat whole cell lysates,Lane 4: human T-47D whole cell 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-SEC24C antigen affinity purified polyclonal antibody (#AAA126493) at 0.25 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 SEC24C at approximately 118 kDa. The expected band size for SEC24C is at 118 kDa.



IF (Immunofluorescence)

Figure 2. IF analysis of SEC24C using anti-SEC24C antibody (AAA126493).SEC24C was detected in an immunocytochemical section of MCF-7 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-SEC24C Antibody (AAA126493) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG 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.

ADDITIONAL INFORMATION

Related Product Information for anti-SEC24C antibody	Protein transport protein Sec24C is a protein that in humans is encoded by the SEC24C gene. The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec24p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The product of this gene may play a role in shaping the vesicle, as well as in cargo selection and concentration. Alternatively spliced transcript variants encoding the same protein have been identified.
Product Categories/Family for anti-SEC24C antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38373669
NCBI GeneID	9632
NCBI Accession #	NP_004913.2
NCBI GenBank Nucleotide #	NM_004922.3
UniProt Accession #	P53992; Q8WV25
Molecular Weight	118,325 Da
NCBI Official Full Name	protein transport protein Sec24C
NCBI Official Synonym Full Names	SEC24 family member C
NCBI Official Symbol	SEC24C
NCBI Protein Information	protein transport protein Sec24C; SEC24 family, member C; SEC24-related protein C; SEC24 related gene family, member C
UniProt Protein Name	Protein transport protein Sec24C
UniProt Gene Name	SEC24C
UniProt Synonym Gene Names	KIAA0079
UniProt Entry Name	SC24C_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/sec24c-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/126493>