

Rabbit SCAMP1 Polyclonal Antibody | anti-SCAMP1 antibody

Anti-SCAMP1 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126531	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

SCAMP1; Polyclonal Antibody; Anti-SCAMP1 Antibody Picoband; anti-SCAMP1 antibody

PRODUCT SPECIFICATIONS

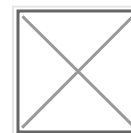
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SCAMP1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human SCAMP1 recombinant protein (Position: M1-N257).
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 2. Flow Cytometry analysis of U87 cells using anti-SCAMP1 antibody (AAA126531).Overlay histogram showing U87 cells stained with AAA126531 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SCAMP1 Antibody (AAA126531, 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 SCAMP1 using anti-SCAMP1 antibody (AAA126531).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 SH-SY5Y whole cell lysates,Lane 2: human Hela whole cell lysates,Lane 3: human T98G whole cell lysates,Lane 4: rat pancreas tissue lysates,Lane 5: rat brain tissue lysates,Lane 6: mouse pancreas tissue lysates,Lane 7: mouse brain 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-SCAMP1 antigen affinity purified polyclonal antibody (#AAA126531) 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 SCAMP1 at approximately 35 kDa. The expected band size for SCAMP1 is at 35 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SCAMP1 antibody	Secretory carrier-associated membrane protein 1 is a protein that in humans is encoded by the SCAMP1 gene. This gene product belongs to the SCAMP family of proteins, which are secretory carrier membrane proteins. They function as carriers to the cell surface in post-golgi recycling pathways. Different family members are highly related products of distinct genes, and are usually expressed together. These findings suggest that these protein family members may function at the same site during vesicular transport rather than in separate pathways. A pseudogene of this gene has been defined on chromosome 1. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-SCAMP1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256358
NCBI GeneID	9522
NCBI Accession #	NP_004857.4
NCBI GenBank Nucleotide #	NM_004866.4
UniProt Accession #	O15126; O43587; Q6FG23; Q96BX1; Q96QK5
Molecular Weight	37,920 Da
NCBI Official Full Name	secretory carrier-associated membrane protein 1
NCBI Official Synonym Full Names	secretory carrier membrane protein 1
NCBI Official Symbol	SCAMP1
NCBI Official Synonym Symbols	SCAMP; SCAMP37
NCBI Protein Information	secretory carrier-associated membrane protein 1
UniProt Protein Name	Secretory carrier-associated membrane protein 1
UniProt Gene Name	SCAMP1
UniProt Synonym Gene Names	SCAMP; Secretory carrier membrane protein 1
UniProt Entry Name	SCAM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/scamp1-antibody-flow-cytometry-western-blot-elisa/126531>