

Rabbit anti-Human, Mouse SKAP2 Polyclonal Antibody | anti-SKAP2 antibody

Anti-SKAP2 Antibody Picoband

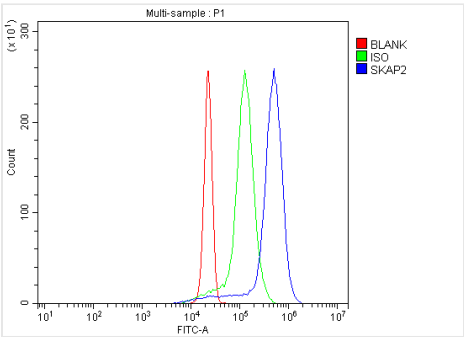
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126455	Rabbit	Human, Mouse	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

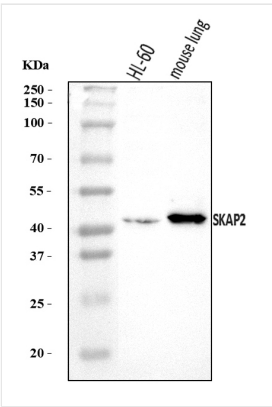
SKAP2; Polyclonal Antibody; Anti-SKAP2 Antibody Picoband; anti-SKAP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
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-SKAP2 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 SKAP2 recombinant protein (Position: E124-E208).
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 2. Flow Cytometry analysis of U937 cells using anti-SKAP2 antibody (AAA126455).Overlay histogram showing U937 cells stained with AAA126455 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SKAP2 Antibody (AAA126455, 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 SKAP2 using anti-SKAP2 antibody (AAA126455).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 HL-60 whole cell lysates,Lane 2: mouse lung 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-SKAP2 antigen affinity purified polyclonal antibody (#AAA126455) 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 SKAP2 at approximately 41 kDa. The expected band size for SKAP2 is at 41 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SKAP2 antibody	Src kinase-associated phosphoprotein 2 is an enzyme that in humans is encoded by the SKAP2 gene. The protein encoded by this gene shares homology with Src kinase-associated phosphoprotein 1, and is a substrate of Src family kinases. It is an adaptor protein that is thought to play an essential role in the Src signaling pathway, and in regulating proper activation of the immune system. This protein contains an amino terminal coiled-coil domain for self-dimerization, a pleckstrin homology (PH) domain required for interactions with lipids at the membrane, and a Src homology (SH3) domain at the carboxy terminus. Some reports indicate that this protein inhibits actin polymerization through interactions with actin assembly factors, and might negatively regulate the invasiveness of tumors by modulating actin assembly. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-SKAP2 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	16753212
NCBI GeneID	8935
NCBI Accession #	NP_003921
NCBI GenBank Nucleotide #	NM_003930
UniProt Accession #	O75563; Q53GP6; Q75MK6; Q75MZ4; Q9UBZ3; Q9UED8; A4D173
Molecular Weight	41,217 Da
NCBI Official Full Name	src kinase-associated phosphoprotein 2 isoform 1
NCBI Official Synonym Full Names	src kinase associated phosphoprotein 2
NCBI Official Symbol	SKAP2

NCBI Official Synonym Symbols	PRAP; RA70; SAPS; SCAP2; SKAP55R; SKAP-HOM
NCBI Protein Information	src kinase-associated phosphoprotein 2; Fyn-associated phosphoprotein SKAP55 homologue; Pyk2/RAFTK-associated protein; SKAP-55HOM; retinoic acid-induced protein 70; src family-associated phosphoprotein 2; src kinase-associated phosphoprotein of 55-related
UniProt Protein Name	Src kinase-associated phosphoprotein 2
UniProt Gene Name	SKAP2
UniProt Synonym Gene Names	PRAP; RA70; SAPS; SCAP2; SKAP55R; SKAP-55HOM; SKAP-HOM
UniProt Entry Name	SKAP2_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/skap2-antibody-flow-cytometry-western-blot-elisa/126455>