

Rabbit SKAP2 Polyclonal Antibody | anti-SKAP2 antibody

SKAP2 Antibody

CATALOG # AAA322911	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SKAP2; Polyclonal Antibody; SKAP2 Antibody; Fyn associated phosphoprotein SKAP55 homologue; MGC10411; MGC33; PRAP; Pyk2/RAFTK associated protein; Pyk2/RAFTK-associated protein; RA70; Retinoic acid-induced protein 70; SAPS; SKAP-55HOM; SKAP-HOM; skap2; SKAP2_HUMAN; SKAP55 homolog; SKAP55R; Src associated adaptor protein; Src family associated phosphoprotein 2; Src family-associated phosphoprotein 2; src kinase associated phosphoprotein of 55 related protein; Src kinase-associated phosphoprotein 2; Src kinase-associated phosphoprotein 55-related protein; Src-associated adapter protein with PH and SH3 domains; anti-SKAP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SKAP2 antibody detects endogenous levels of SKAP2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	187
Applicable Applications for anti-SKAP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SKAP2.
Subcellular Location	Cytoplasm.
Tissue Specificity	Ubiquitously expressed. Present in platelets (at protein level).
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (91%), Horse (91%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of human liver tissue, using SKAP2 antibody.



IHC (Immunohistochemistry)
AAA322911 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from mouse spleen, using SKAP2 antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SKAP2 antibody	Function: May be involved in B-cell and macrophage adhesion processes. In B-cells, may act by coupling the B-cell receptor (BCR) to integrin activation. May play a role in src signaling pathway. Subunit Structure: Homodimer (By similarity). Interacts with PTPNS1. Part of a complex consisting of SKAP2, FYB1 and PTPNS1. Part of a complex consisting of SKAP2, FYB1 and LILRB3. May interact with actin (By similarity). Interacts with FYB1, which is required for SKAP2 protein stability. Interacts with LAT, GRB2, PTK2B and PRAM1. May interact with FYN, HCK and LYN. Interacts with FASLG. Post-translational Modifications: Phosphorylated in resting platelets. Phosphorylated by FYN on Tyr-261 upon T-cell activation (Probable). Dephosphorylated on Tyr-75 by PTPN22. Similarity: The SH3 domain interacts with FYB1 and PTK2B. Belongs to the SKAP family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	744066863
NCBI GeneID	8935
NCBI Accession #	NP_001290397.1
NCBI GenBank Nucleotide #	NM_001303468.1
UniProt Accession #	O75563; Q53GP6; Q75MK6; Q75MZ4; Q9UBZ3; Q9UED8; A4D173
Molecular Weight	Observed: 55 kDa Predicted: 42 kDa
NCBI Official Full Name	src kinase-associated phosphoprotein 2 isoform 2
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
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

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-immunohistochemistry-western-blot-elisa/322911>