

Rabbit SWAP70 Polyclonal Antibody | anti-SWAP70 antibody

SWAP70 Antibody (Center)

CATALOG # AAA286541	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Bovine, Mouse)	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

SWAP70; Polyclonal Antibody; SWAP70 Antibody (Center); Switch-associated protein 70; SWAP-70; KIAA0640; anti-SWAP70 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SWAP70 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 227-256 amino acids from the Central region of human SWAP70.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	227-256
Sequence Length	585
Applicable Applications for anti-SWAP70 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of anti-SWAP70 Antibody (Center) in HepG2 cell line lysates (35ug/lane). SWAP70(arrow) was detected using the purified polyclonal antibody.



WB (Western Blot)

Western blot analysis of SWAP70 (arrow) using rabbit polyclonal SWAP70 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SWAP70 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-SWAP70 antibody	SWAP70 is a phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF) which, independently of RAS, transduces signals from tyrosine kinase receptors to RAC. It also mediates signaling of membrane ruffling. This protein regulates the actin cytoskeleton as an effector or adapter protein in response to agonist stimulated phosphatidylinositol (3,4)-bisphosphate production and cell protrusion.
Product Categories/Family for anti-SWAP70 antibody	Immunology; Signal Transduction
References	Hilpel, et al., Mol. Biol. Cell 14(8):3242-3253 (2003). Rapalus, L., et al., Clin. Immunol. 101(3):270-275 (2001). Masat, L., et al., Proc. Natl. Acad. Sci. U.S.A. 97(5):2180-2184 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	93102364
NCBI GeneID	23075
NCBI Accession #	NP_055870.2
NCBI GenBank Nucleotide #	NM_015055.3
UniProt Accession #	Q9UHH6; O75135; Q7LCY6; Q9P061; Q9P0Z8; D3DQV1
Molecular Weight	68998
NCBI Official Full Name	switch-associated protein 70 isoform 1
NCBI Official Synonym Full Names	SWAP switching B-cell complex 70kDa subunit
NCBI Official Symbol	SWAP70
NCBI Official Synonym Symbols	HSPC321; SWAP-70
NCBI Protein Information	switch-associated protein 70
UniProt Protein Name	Switch-associated protein 70
UniProt Gene Name	SWAP70
UniProt Synonym Gene Names	KIAA0640; SWAP-70
UniProt Entry Name	SWP70_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.