SWAP70 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SWAP70, Polyclonal Antibody
Full Product Name	SWAP70, ID (Switch-associated Protein 70, SWAP-70, KIAA0640, HSPC321) (MaxLight 490)
Product Gene Name	anti-SWAP70 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human SWAP70.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	68,998 Da
OMIM	604762
3D Structure	ModBase 3D Structure for Q9UH65
Immunogen	Synthetic peptide selected from the center region of human SWAP70 (KLH).
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-SWAP70 antibody	Antibodies; Signal Transduction
Applications Tested/Suitable for anti-SWAP70 antibody	Western Blot (WB), FLISA
Application Notes for anti-SWAP70 antibody	WB: 1:50-1:100 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-SWAP70 antibody	MBS6501708 is an antibody targeting SWAP70. Also known as SWAP70, ID (Switch-associated Protein 70, SWAP-70, KIAA0640, HSPC321) (MaxLight 490). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-SWAP70 antibody	1. Hilpel, et al., Mol. Biol. Cell 14(8):3242-3253 (2003). 2. Rapalus, L., et al., Clin. Immunol. 101(3):270-275 (2001). 3. Masat, L., et al., Proc. Natl. Acad. Sci. USA 97(5):2180-2184 (2000).
Other Notes	Small volumes of anti-SWAP70 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SWAP70. It may not necessarily be applicable to this product.

NCBI GI #	93102364
NCBI GeneID	23075
NCBI Accession #	NP_055870
UniProt Primary Accession #	Q9UH65
UniProt Secondary Accession #	O75135; Q7LCY6; Q9P061; Q9P0Z8; D3DQV1
UniProt Related Accession #	Q9UH65
GenBank Nucleotide #	NM_015055
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
UniProt Protein Name	Switch-associated protein 70
Protein Family	Switch-associated protein
UniProt Gene Name	SWAP70
UniProt Synonym Gene Names	KIAA0640; SWAP-70
UniProt Entry Name	SWP70_HUMAN
NCBI Protein Information	switch-associated protein 70
UniProt Comments for SWAP70	SWAP-70: 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. Regulates the actin cytoskeleton as an effector or adapter protein in response to agonist stimulated phosphatidylinositol (3,4)-bisphosphate production and cell protrusion. Protein type: GEFs; GEFs, Rac/Rho Chromosomal Location of Human Ortholog: 11p15 Cellular Component: lamellipodium; cytoplasm; plasma membrane; nucleus Molecular Function: DNA binding; calcium ion binding; ATP binding Biological Process: isotype switching
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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