

ARG54106 anti-SWAP70 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes SWAP70
Tested Reactivity	Hu, Ms, Rat, Mk
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	SWAP70
Species	Human
Immunogen	Purified recombinant human SWAP70 protein fragments expressed in E.coli.
Conjugation	Un-conjugated
Alternate Names	SWAP-70; Switch-associated protein 70; HSPC321

Application Instructions

Application table	Application	Dilution
	IP	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	70 kDa	

Properties

Form	Liquid
Buffer	Ascites
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 20947 Mouse
	GeneID: 23075 Human

[Swiss-port # Q6A028 Mouse](#)

[Swiss-port # Q9UH65 Human](#)

Gene Symbol	SWAP70
Gene Full Name	SWAP switching B-cell complex 70kDa subunit
Background	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
Function	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 (By similarity). [UniProt]
Research Area	Immune System antibody; Signaling Transduction antibody
Calculated Mw	69 kDa
PTM	Tyrosine-phosphorylated.
Cellular Localization	Cytoplasm. Cell membrane. Nucleus. Cell projection, lamellipodium.

Images



ARG54106 anti-SWAP70 antibody WB image

Western blot: 3T3 cell lysate stained with ARG54106 anti-SWAP70 antibody at 1:1000 dilution.



ARG54106 anti-SWAP70 antibody IP image

Immunoprecipitation: HeLa cell lysates were immunoprecipitated and stained with ARG54106 anti-SWAP70 antibody.