

Rabbit anti-Human SWAP70 Polyclonal Antibody | anti-SWAP70 antibody

Anti-SWAP70 Antibody, Rabbit Polyclonal

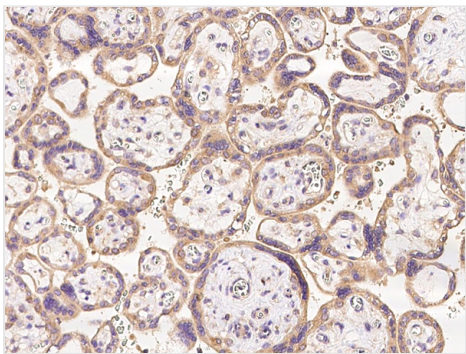
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256120	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

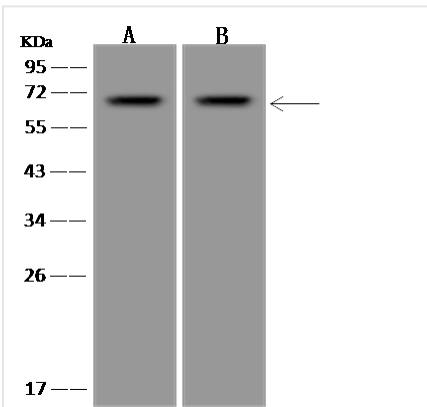
SWAP70; Polyclonal Antibody; Anti-SWAP70 Antibody; Rabbit Polyclonal; SWAP70 Antibody; Rabbit PAb; Antigen Affinity Purified; SWAP switching B-cell complex 70kDa subunit; Anti-HSPC321 Antibody; Anti-SWAP-70 Antibody; anti-SWAP70 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SWAP70
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SWAP70 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human SWAP70 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SWAP70 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IHC (Immunohistochemistry)
Immunochemical staining of human SWAP70 in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-SWAP70 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 69 kDa Observed band size: 69 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SWAP70 antibody	SWAP70 functions as a guanine nucleotide exchange factor for Rac and RhoA regulating F-actin cytoskeletal rearrangements and playing a crucial role in mammalian cell activation, migration, adhesion, and invasion. Rearrangements of the actin cytoskeleton are regulated in part by dynamic localized activation and inactivation of Rho family small GTPases. SWAP70 binds to and activates the small GTPase RAC1 as well as binding to filamentous actin and PIP3. SWAP70 adopts a distinct conformation at the plasma membrane, which in migrating glioma cells is enriched at the leading edge but does not always associate with its PIP3 -dependent translocation to the membrane. NRL1 interacts in yeast and in planta with a guanine nucleotide exchange factor called SWAP70. SWAP70 associates with endosomes and is a positive regulator of immunity.
Product Categories/Family for anti-SWAP70 antibody	Adaptor Proteins
References	Xu X, et al. (2014) Swap70b is required for convergent and extension cell movement during zebrafish gastrulation linking wnt11 signalling and rhoa effector function. Dev Biol 386 (1): 191-203. Kriplani N, et al. (2019) Swap70 undergoes dynamic conformational regulation at the leading edge of migrating cells. FEBS Lett 593 (4): 395-405. He Q, et al. (2018) Plant pathogen effector utilizes host susceptibility factor nrl1 to degrade the immune regulator swap70. Proc Natl Acad Sci U S A 115 (33): E7834-e7843.

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.