

Datasheet for ABIN5027555
anti-SWAP70 antibody (AA 300-505)



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Overview

Quantity:	100 µg
Target:	SWAP70
Binding Specificity:	AA 300-505
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SWAP70 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant SWAP70 protein (amino acids 300-505) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	SWAP70
Alternative Name:	SWAP70 (SWAP70 Products)
Background:	SWAP-70 is a 70 kDa multiple functional signaling proteins involved in formation of membrane ruffling induced by signal cascade of tyrosine kinase growth factor receptors. It is involved in regulating migration and invasion of trophoblast cells during the processes of embryonic

Target Details

implantation and placentation in primates. Though originally isolated from activated B lymphocytes, recently it has been found that it is widely expressed in various cell types and tissues. It has a high binding affinity to PI(3,4)P2. Its intracellular localization has been reported to depend on cell activation. Stimulation of the B cell receptor triggers a translocation of SWAP-70 from the cytosol to the plasma membrane in B cells. This translocation required a functional PH-domain. SWAP-70 functions as the only B cell-specific component of an isotype switch recombination complex called SWAP. The SWAP complex has specificity for the switch regions upstream of the constant region immunoglobulin genes and it facilitates the transfer of DNA between switch regions. These features suggested that mutations in the gene encoding SWAP-70 might result in humoral immunodeficiency.

Molecular Weight:	64 kDa
Gene ID:	23075
UniProt:	Q9UH65
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	WB: 2-4 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.05 % BSA, PH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

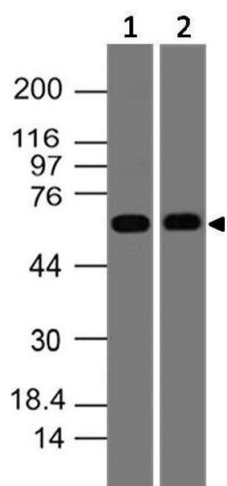


Image 1.