

Datasheet for ABIN6991630
anti-SIPA1 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	SIPA1
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIPA1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	SIPA1 antibody was raised against a 19 amino acid synthetic peptide from near the amino terminus of human SIPA1. The immunogen is located within amino acids 40 - 90 of SIPA1.
Isotype:	IgG
Specificity:	At least three isoforms of SIPA1 are known to exist, this antibody will recognize all three isoforms. This antibody is specific for SIPA1 and will not recognize the other SIPA1 family of proteins.
Purification:	SIPA1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SIPA1
Alternative Name:	SIPA1 (SIPA1 Products)

Target Details

Background: SIPA1 Antibody: Signal-induced proliferation 1 (SIPA1) is a member of the SIPA1 family of RapGAPs, a family of mitogen-induced GTPase activating proteins. SIPA1 exhibits a specific GAP activity for Ras-related regulatory proteins Rap1 and Rap2, but not for Ran or other small GTPases. When abnormally or prematurely expressed, SIPA1 may also hamper mitogen-induced cell cycle progression and may increase metastases in human cancers.

Gene ID: 6494

UniProt: [Q96FS4](#)

Pathways: [Response to Water Deprivation](#)

Application Details

Application Notes: SIPA1 antibody can be used for detection of EPAC1 by Western blot at 1 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SIPA1 Antibody is supplied in PBS containing 0.02 % sodium azide.

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: -20 °C, 4 °C

Storage Comment: SIPA1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.