

Rabbit anti-Human SIPA1 Polyclonal Antibody | anti-SIPA1 antibody

SIPA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40229	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

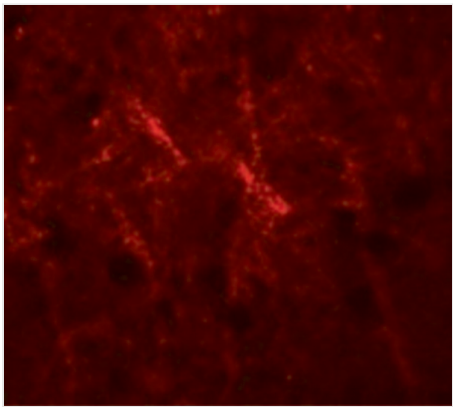
PRODUCT SYNONYMS

SIPA1; Polyclonal Antibody; SIPA1 Antibody; SPA1; Signal-induced proliferation-associated protein 1; GTPase-activating protein Spa-1; Sipa-1; signal-induced proliferation-associated 1; anti-SIPA1 antibody

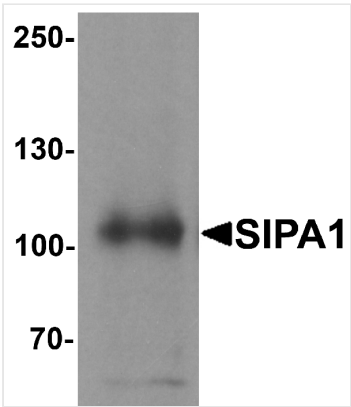
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
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.
Purity/Purification	SIPA1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1042
Applicable Applications for anti-SIPA1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SIPA1 antibody was raised against a 19 amino acid synthetic peptide from near the amino terminus of human SIPA1.
Buffer	SIPA1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SIPA1 antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of SIPA1 in human brain cells with SIPA1 antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of SIPA1 in human brain tissue lysate with SIPA1 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SIPA1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	206725523
NCBI GeneID	6494
NCBI Accession #	AAH10492
NCBI GenBank Nucleotide #	NM_006747.3
UniProt Accession #	Q96FS4; O14518; O60484; O60618; Q2YD83
Molecular Weight	112,149 Da
NCBI Official Full Name	signal-induced proliferation-associated protein 1
NCBI Official Synonym Full Names	signal-induced proliferation-associated 1
NCBI Official Symbol	SIPA1
NCBI Official Synonym Symbols	SPA1
NCBI Protein Information	signal-induced proliferation-associated protein 1; sipa-1; p130 SPA-1; GTPase-activating protein Spa-1; signal-induced proliferation-associated gene 1
UniProt Protein Name	Signal-induced proliferation-associated protein 1
UniProt Gene Name	SIPA1
UniProt Synonym Gene Names	SPA1; Sipa-1
UniProt Entry Name	SIPA1_HUMAN

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.