

Datasheet for ABIN6147778
anti-SIPA1 antibody (AA 763-1042)



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1 Image

Overview

Quantity:	100 µL
Target:	SIPA1
Binding Specificity:	AA 763-1042
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIPA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 763-1042 of human SIPA1 (NP_694985.29).
Sequence:	ESGRPRRSFS ELYTSLQEP SRRGAPDPVQ DEVQGVTLTP TTKQLLHLCL QDGGSPPGPG DLAEERTEFL HSQNSLSPRS SLSDEAPVLP NTPDLLLAT TAKPSVPSAD SETPLTQDRP GSPSGSEDKG NPAPELRASL LPRTLRLRNS ISRIMSEAGS GTLEDEWQAI SEIASTCNTI LESLSREGQP IPESGDPKGT PKSDAEPEPG NLSEKVVSHLE SMLRKLQEDL QKEKADRAAL EEEVRSRLRHN NRRLQAESES AATRLLLASK QLGSPTADLA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

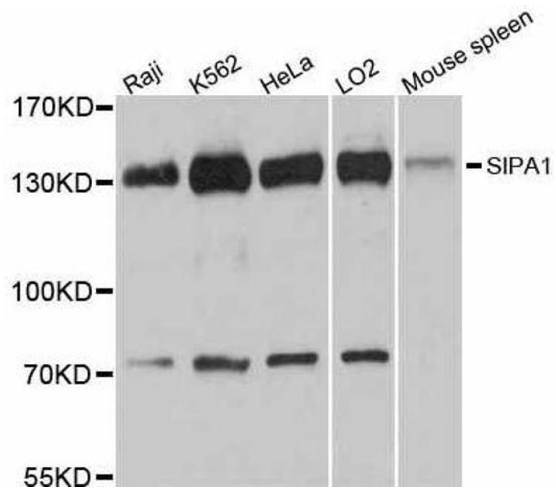
Target:	SIPA1
Alternative Name:	SIPA1 (SIPA1 Products)
Background:	<p>The product of this gene is a mitogen induced GTPase activating protein (GAP). It exhibits a specific GAP activity for Ras-related regulatory proteins Rap1 and Rap2, but not for Ran or other small GTPases. This protein may also hamper mitogen-induced cell cycle progression when abnormally or prematurely expressed. It is localized to the perinuclear region. Two alternatively spliced variants encoding the same isoform have been characterized to date.,SIPA1,SPA1,Epigenetics & Nuclear Signaling,Signal Transduction,G protein signaling,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Cell cycle inhibitors,Stem Cells,Embryonic Stem Cells,SIPA1</p>
Molecular Weight:	112 kDa
Gene ID:	6494
UniProt:	Q96FS4
Pathways:	Response to Water Deprivation

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SIPA1 antibody.