Datasheet for ABIN1449259

anti-SIPA1 antibody

2 Images

Go to Product page

Overview

Quantity:	0.1 mg
Target:	SIPA1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIPA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant human SPA-1
Clone:	331-9
Isotype:	IgG1
Specificity:	This antibody reacts with human SPA-1.
Purification:	Anion exchange column chromatography

Target Details

Target:	SIPA1
Alternative Name:	SIPA1 / SPA1 (SIPA1 Products)
Background:	SPA-1 , signal-induced proliferation associated gene 1, encodes a 130 kDa protein (p130 SPA-1) with a domain related to Rap1 GTPase activating protein (Rap1GAP) at the N-terminus and to

Target Details

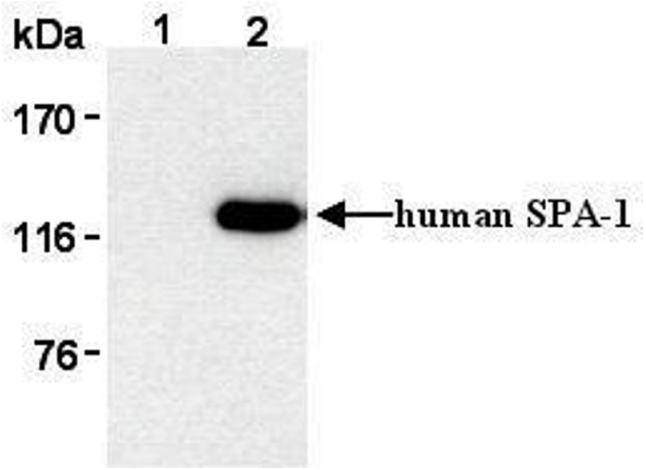
	PDZ protein interaction domain followed by a leucine zipper motif at the C-terminus. It exhibits a specific GAP activity for Ras-related regulatory proteins Rap1 and Rap2, but not for other small GTPases. p130 SPA-1 was mostly localized at both the plasma membrane and the perinuclear membranous region co-localizing with Rap1 and Rap2. Expression of SPA-1 and rap1GAP genes tended to be segregate in various tissues, lymphoid and hematopoietic tissues expressing abundant SPA-1 transcript without rap1GAP , while those such as brain, kidney and pancreas exhibiting rap1GAP mRNA with little SPA-1.Synonyms: GTPase-activating protein Spa-1, Signal-induced proliferation-associated protein 1, Sipa-1, Spa-1, p130 SPA-1
Gene ID:	6494
NCBI Accession:	NP_006738
UniProt:	Q96FS4
Pathways:	Response to Water Deprivation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

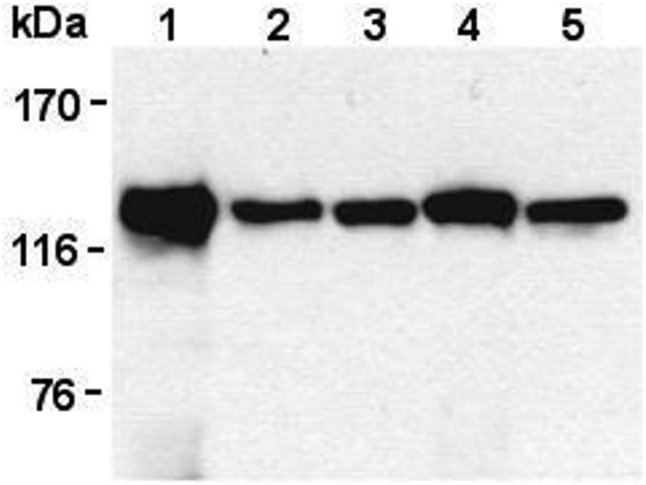
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Upon receipt, store (in aliqouts) at -20 °C.



Western Blotting

Image 1.



Western Blotting

Image 2.