

Datasheet for ABIN731912

anti-SIPA1 antibody (AA 351-450) (HRP)



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Overview

Quantity:	100 µL
Target:	SIPA1
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIPA1 antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SPA-1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	SIPA1
Alternative Name:	SPA-1/SIPA-1 (SIPA1 Products)
Background:	Synonyms: GTPase activating protein Spa 1, GTPase-activating protein Spa-1, MGC102688,

Target Details

MGC17037, p130 SPA-1, p130 SPA1, Signal induced proliferation associated 1, Signal induced proliferation associated gene 1, Signal induced proliferation associated protein 1, signal-induced proliferation-associated gene 1, Signal-induced proliferation-associated protein 1, SIPA 1, Sipa-1, Sipa1, SIPA1_HUMAN, Spa1.

Background: 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.

Gene ID: 6494

Pathways: [Response to Water Deprivation](#)

Application Details

Application Notes: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months