

Product datasheet

Anti-SIPA1L1 antibody ab91586

[1 Image](#)

Overview

Product name	Anti-SIPA1L1 antibody
Description	Rabbit polyclonal to SIPA1L1
Host species	Rabbit
Specificity	ab91586 is specific for SIPA1L1 and will not recognize the other SIPA1 family proteins.
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Rat
Immunogen	Synthetic peptide corresponding to Human SIPA1L1 (N terminal). The antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human SIPA1L1. It is located within amino acids 40 to 90. Database link: O43166
Positive control	WB: Rat brain tissue lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab91586 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IF		Use a concentration of 20 µg/ml.
IHC-P		Use a concentration of 5 µg/ml.
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 200 kDa.

Target

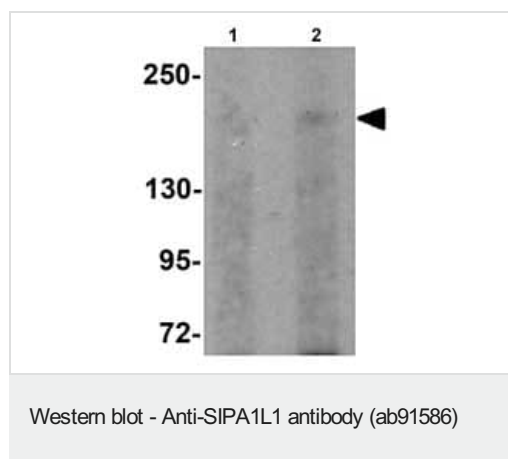
Relevance

SIPA1L1 (Signal-induced proliferation associated-like protein 1) is a member of the SIPA1 family of RapGAPs. SIPA1L1 was initially identified as a binding partner and degradation target of the E6 oncoprotein of high-risk papillomaviruses. Recently, it was discovered that Casein kinase I epsilon (CKIε), a Wnt-regulated kinase that regulates Wnt/b-catenin signaling, also can bind to the carboxy-terminus of SIPA1L1. CKIε phosphorylates SIPA1L1, thereby reducing its stability and alleviating its inhibition of Rap1, a protein required for Wnt8/CKIε-mediated gastrulation during embryogenesis, suggesting SIPA1L1 plays important roles in embryo development as well as control of cell proliferation.

Cellular localization

Intracellular

Images



Lane 1 : Anti-SIPA1L1 antibody (ab91586) at 0.5 µg/ml

Lane 2 : Anti-SIPA1L1 antibody (ab91586) at 1 µg/ml

All lanes : Rat brain tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 200 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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