

# SIPA1L1 Antibody

Catalog No: #25006

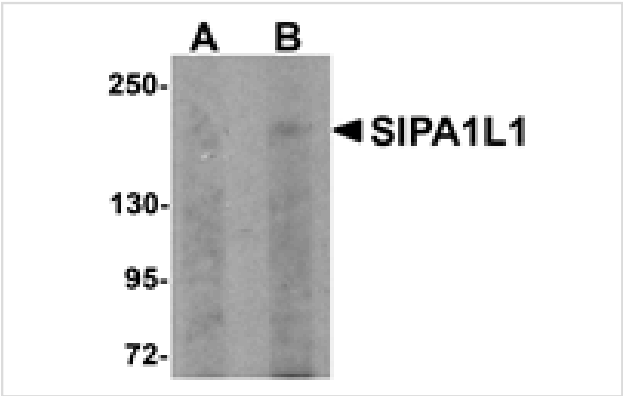


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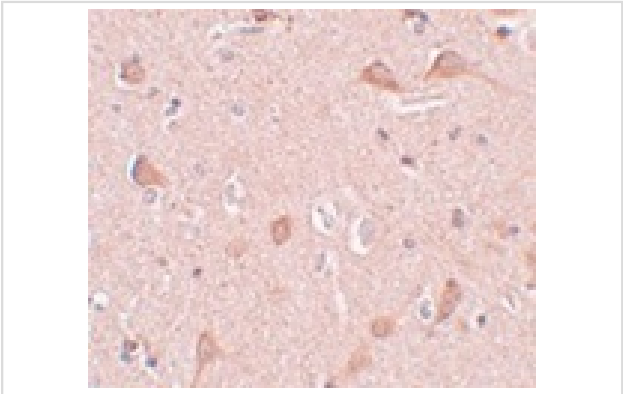
## Description

Product Name	SIPA1L1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the amino terminus of human SIPA1L1.
Target Name	SIPA1L1
Other Names	Signal-induced proliferation associated-like protein 1, E6TP1
Accession No.	Swiss-Prot:O43166Gene ID:26037
Uniprot	O43166
GeneID	26037;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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



Western blot analysis of SIPA1L1 in rat brain tissue lysate with SIPA1L1 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of SIPA1L1 in human brain tissue with SIPA1L1 antibody at 5 ug/mL.

## Background

Signal-induced proliferation associated-like protein 1 (SIPA1L1) 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.

Note: This product is for in vitro research use only