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SIPA1L2 Antibody
Catalog # ASC11019

Specification

SIPA1L2 Antibody - Product Information

Application	**IHC, IF, WB**
Primary Accession	Q9P2F8
Other Accession	NP_065859, 112421013
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**SIPA1L2 antibody can be used for detection of SIPA1L2 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.**

SIPA1L2 Antibody - Additional Information

Gene ID	**57568**

Target/Specificity
SIPA1L2;

Reconstitution & Storage
SIPA1L2 antibody can be stored at 4℃ for three months and -20℃, stable for up to 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.

Precautions
SIPA1L2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SIPA1L2 Antibody - Protein Information

Name SIPA1L2

Synonyms KIAA1389

SIPA1L2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

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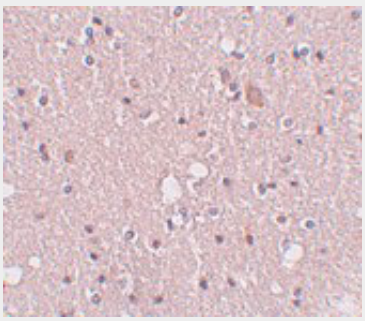
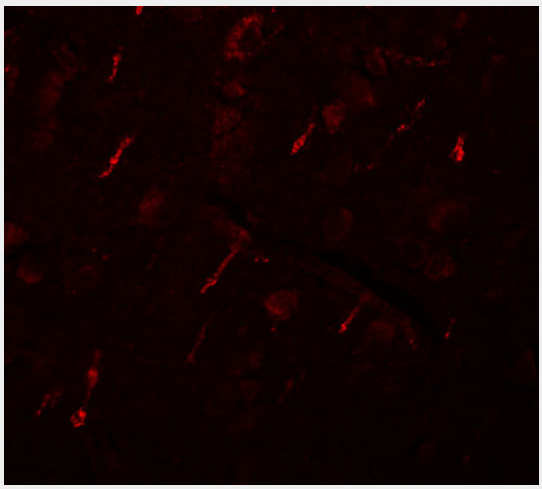
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

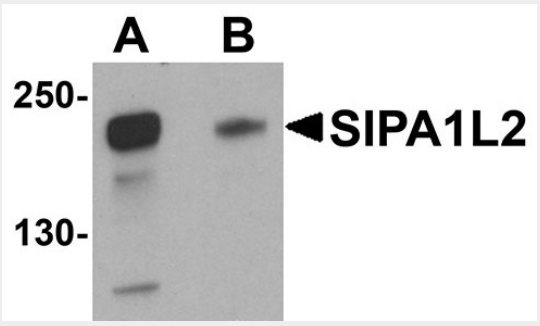
SIPA1L2 Antibody - Images



Immunohistochemistry of SIPA1L2 in human brain tissue with SIPA1L2 antibody at 5 µg/mL.



Immunofluorescence of SIPA1L2 in human brain tissue with SIPA1L2 antibody at 20 µg/mL.



Western blot analysis of SIPA1L2 in rat brain tissue lysate with SIPA1L2 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

SIPA1L2 Antibody - Background

SIPA1L2 Antibody: Signal-induced proliferation associated-like protein 2 (SIPA1L2) is a member of the SIPA1 family of RapGAPs. Little is known of the role of the SIPA1L2 protein, but recent studies of SIPA indicate that its deregulation can cause myeloproliferative stem cell disorders in mice and

increased metastases in human cancers. Other studies suggest SIPA1L1 may play important roles in embryo development and control of cell proliferation. Based on the amount of homology between SIPA family members, it is likely that SIPA1L2 plays a role in embryo development and cell proliferation, possibly including oncogenesis.

SIPA1L2 Antibody - References

Minato N and Hattori M. SPA-1 (Sipa1) and Rap signaling in leukemia and cancer metastasis. Cancer Sci.2009; 100:17-23.
Ishida D, Kometani K, Yang H, et al. Myeloproliferative stem cell disorders by deregulated Rap1 activation in SPA-1-deficient mice. Cancer Cell2003; 4:55-65.
Park YG, Zhao X, Lesueur F, et al. Sipa1 is a candidate for underlying the metastasis efficiency modifier locus, Mtes. Nat. Genet.2005; 37:1055-62.
Tsai I-C, Amack JD, Gao Z-H, et al. A Wnt-CKI e-Rap1 pathway regulates gastrulation by modulating SIPA1L2, a Rap GTPase activating protein. Dev. Cell2007; 12:335-47.