10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

SHISA9 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS14716

Specification

SHISA9 Antibody (Internal) - Product Information

Application	**IF, WB, IHC**
Primary Accession	B4DS77
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**47kDa KDa**

SHISA9 Antibody (Internal) - Additional Information

Gene ID 729993

Other Names
Protein shisa-9, SHISA9

Target/Specificity
Human SHISA9.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
SHISA9 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SHISA9 Antibody (Internal) - Protein Information

Name SHISA9

Function
Regulator of short-term neuronal synaptic plasticity in the dentate gyrus. Associates with AMPA receptors (ionotropic glutamate receptors) in synaptic spines and promotes AMPA receptor desensitization at excitatory synapses (By similarity).

Cellular Location
Cell projection, dendritic spine membrane; Single-pass type I membrane protein Synapse

Volume
50 µl

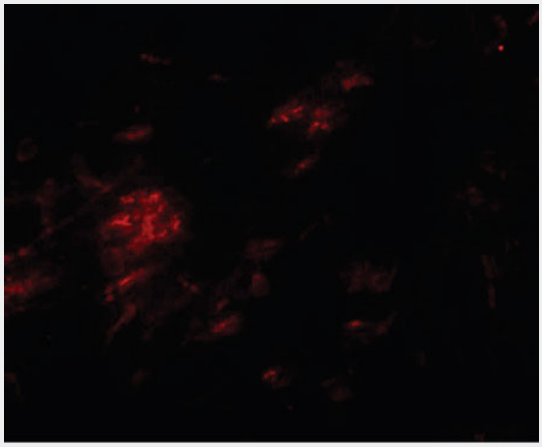
SHISA9 Antibody (Internal) - Protocols

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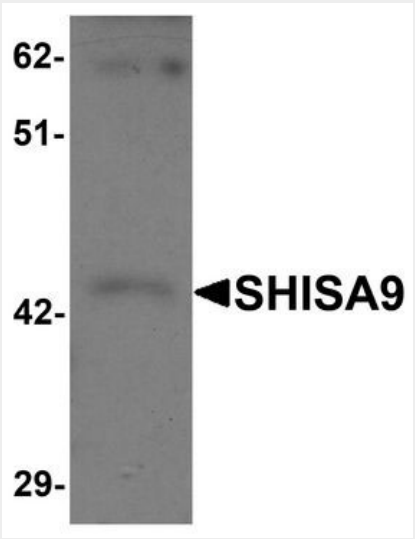
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SHISA9 Antibody (Internal) - Images

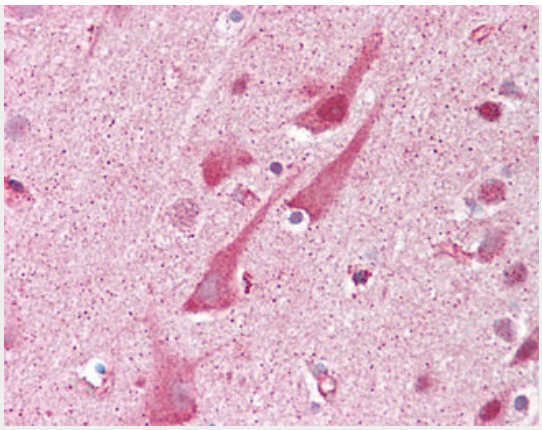


Immunofluorescence of SHISA9 in human brain tissue with SHISA9 antibody at 20 ug/ml.



Western blot analysis of SHISA9 in rat brain tissue lysate with SHISA9 antibody at 1 ug/ml.

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Anti-SHISA9 antibody IHC of human brain, cortex.

SHISA9 Antibody (Internal) - Background

Regulator of short-term neuronal synaptic plasticity in the dentate gyrus. Associates with AMPA receptors (ionotropic glutamate receptors) in synaptic spines and promotes AMPA receptor desensitization at excitatory synapses (By similarity).

SHISA9 Antibody (Internal) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Martin J.,et al.Nature 432:988-994(2004).