

## SHISA9 Antibody

Catalog No: #25221

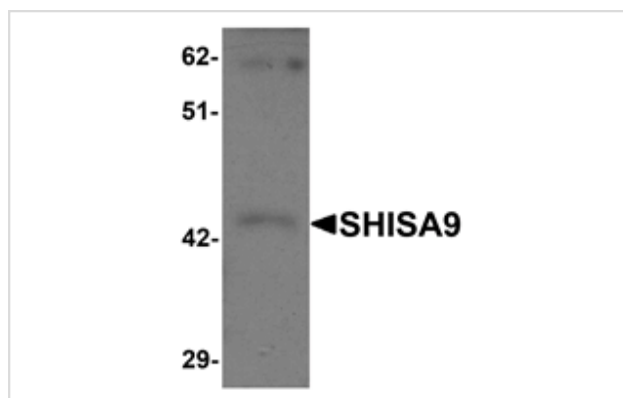
Package Size: #25221 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

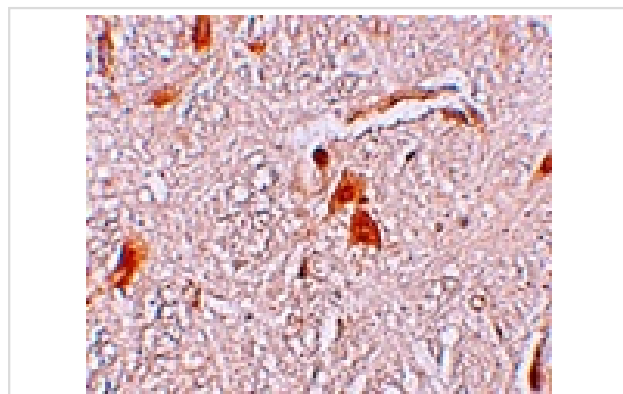
## Description

Product Name	SHISA9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Type	Peptide
Immunogen Description	Raised against a 22 amino acid peptide near the center of human SHISA9.
Conjugates	Unconjugated
Target Name	SHISA9
Other Names	Cystine-knot AMPAR modulating protein 44a, CKAMP44a, CKAMP44, FLJ10015
Accession No.	B4DS77
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 SHISA9 in rat brain tissue lysate with SHISA9 antibody at 1 ug/mL.



Immunohistochemistry of SHISA9 in human brain tissue with SHISA9 antibody at 2.5 ug/mL.

## Background

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Shisa proteins are a recently-identified family of modulators of both FGF and Wnt signaling that block both maturation and transport to the cell surface of their respective receptors. SHISA9, also known as CKAMP44a, is a brain-specific type I transmembrane protein that associates with AMPA receptors in synaptic spines and promotes AMPA receptor desensitization at excitatory synapses. It is thought to modulate short-term plasticity at specific excitatory synapses.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.