

SHISA9 Antibody

Catalog No: #25221



Package Size: #25221 100ul

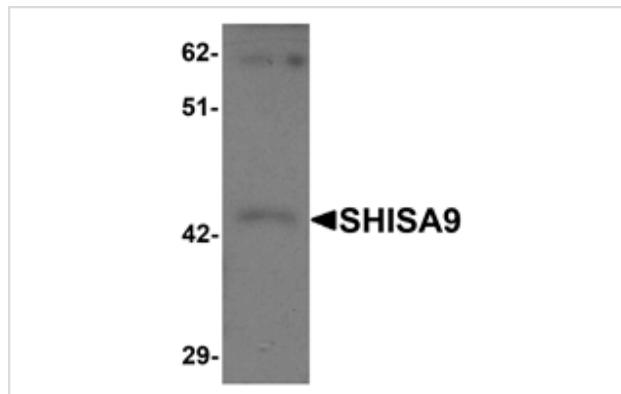
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

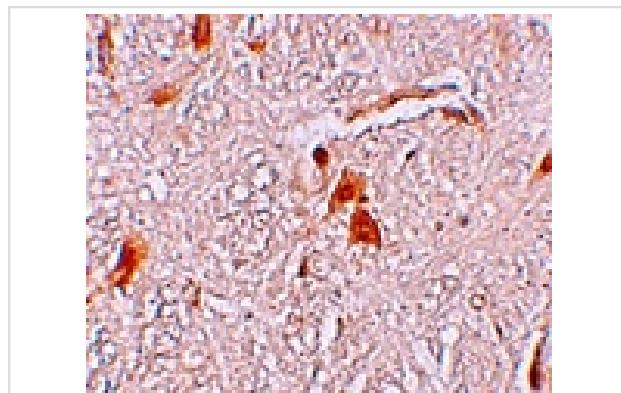
Description

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

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.

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