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Anti-Protein shisa-9 SHISA9 Antibody

Catalog Number: A15169

About SHISA9

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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Overview

Product Name	Anti-Protein shisa-9 SHISA9 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Protein shisa-9 SHISA9 Antibody (Catalog # A15169). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SHISA9 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SHISA9 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	B4DS77

Technical Details

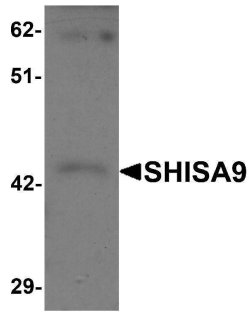
Immunogen	SHISA9 antibody was raised against a 22 amino acid synthetic peptide near the center of human SHISA9. The immunogen is located within amino acids 120 - 170 of SHISA9.
Predicted Reactive Species	Bovine, Chicken, Rabbit
Isotype	IgG

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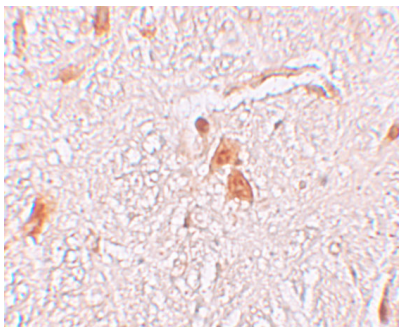
Form	Liquid
Concentration	1 mg/mL
Purification	SHISA9 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SHISA9 antibody can be used for detection of SHISA9 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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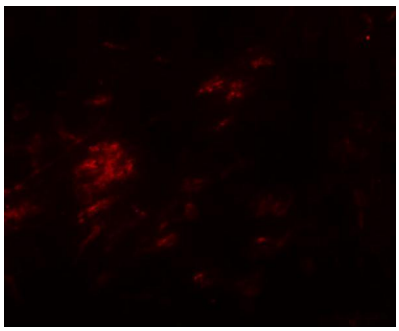
Anti-Protein shisa-9 SHISA9 Antibody (A15169) Images



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.



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

Anti-Protein shisa-9 SHISA9 Antibody

For Research Use Only. Not for use in diagnostic procedures.