

Datasheet for ABIN6991446
anti-Shisa9 antibody (AA 120-170)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Shisa9
Binding Specificity:	AA 120-170
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Shisa9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product 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.
Isotype:	IgG
Purification:	SHISA9 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Shisa9
Alternative Name:	SHISA9 (Shisa9 Products)
Background:	SHISA9 Antibody: 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

Target Details

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.

Gene ID: 729993

NCBI Accession: [NP_001138676](#)

UniProt: [B4DS77](#)

Application Details

Application Notes: SHISA9 antibody can be used for detection of SHISA9 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SHISA9 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SHISA9 antibody can be stored at 4°C for three months and -20°C, 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.