

Datasheet for ABIN783781
anti-Shisa9 antibody (Center)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	Shisa9
Binding Specificity:	Center
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Shisa9 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	22 amino acid peptide near the center of human SHISA9
Specificity:	This antibody detects SHISA9 at Center.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Shisa9
Alternative Name:	SHISA9 (Shisa9 Products)
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,

Target Details

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. Synonyms: CKAMP44, Cystine-knot AMPAR modulating protein of 44 kDa

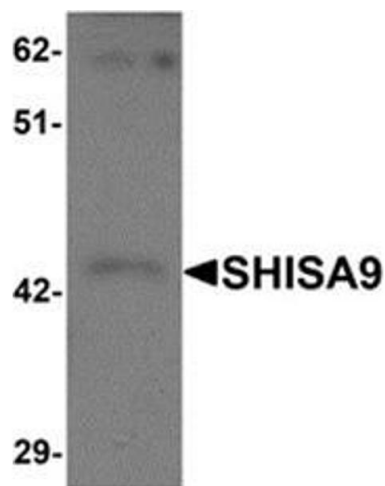
Gene ID:	729993
NCBI Accession:	NP_001138676
UniProt:	B4DS77

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

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