

**LOC729993 Antibody (Center) Blocking peptide**

Synthetic peptide

Catalog # BP11891c

**Specification****LOC729993 Antibody (Center) Blocking peptide - Product Information**Primary Accession [B4DS77](#)**LOC729993 Antibody (Center) Blocking peptide - Additional Information**

Gene ID 729993

**Other Names**

Protein shisa-9, SHISA9

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**LOC729993 Antibody (Center) Blocking peptide - Protein Information**

Name SHISA9

**Function**

Regulator of short-term neuronal synaptic plasticity in the dentate gyrus. Associates with AMPA receptors (ionotropic glutamate receptors) in synaptic spines and promotes AMPA receptor desensitization at excitatory synapses (By similarity).

**Cellular Location**

Cell projection, dendritic spine membrane; Single-pass type I membrane protein. Cell junction, synapse

**LOC729993 Antibody (Center) Blocking peptide - Background**

SHISA9 is a regulator of short-term neuronal synaptic plasticity in the dentate gyrus. Associates with AMPA receptors (ionotropic glutamate receptors) in synaptic spines and promotes AMPA receptor desensitization at excitatory synapses (By similarity).

**LOC729993 Antibody (Center) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :von Engelhardt, J., et al. Science 327(5972):1518-1522(2010)Adkins, D.E., et al. Mol. Psychiatry (2010) In press :O'Donovan, M.C., et al. Nat. Genet. 40(9):1053-1055(2008)

**LOC729993 Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)