

SHISA7 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI16005**Specification**

SHISA7 Antibody - middle region - Product Information

Application	WB
Primary Accession	A6NL88
Other Accession	NM_001145176 , NP_001138648
Reactivity	Human, Mouse, Rat, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

SHISA7 Antibody - middle region - Additional Information**Gene ID** 729956**Other Names**

Protein shisa-7, Protein shisa-6-like, SHISA7

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-SHISA7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

SHISA7 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SHISA7 Antibody - middle region - Protein Information**Name** SHISA7 ([HGNC:35409](#))**Function**

Transmembrane protein that regulates gamma-aminobutyric acid type A receptor (GABA(A)R) trafficking, channel deactivation kinetics and pharmacology, necessary for fast inhibitory transmission in the brain. Enhances the action of benzodiazepine, a primary GABA(A)Rs target drug, in the brain. May affect channel kinetics of AMPA-type glutamate receptors (AMPA), the brain's main excitatory neurotransmitter, necessary for synaptic hippocampal plasticity, and memory recall. May regulate the induction and maintenance of long-term potentiation at Schaffer collaterals/CA3-CA1 excitatory synapses.

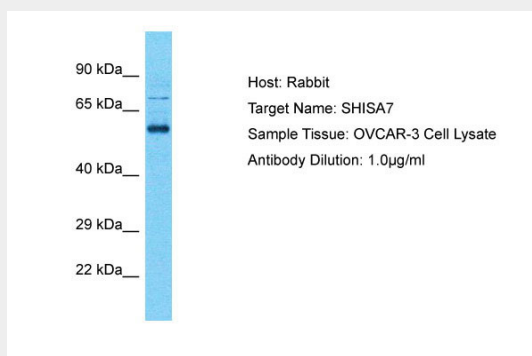
Cellular Location

Postsynaptic density membrane {ECO:0000250|UniProtKB:Q8C3Q5}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q8C3Q5}. Note=Localizes at GABAergic inhibitory synapses and colocalizes with gephyrin in hippocampal neurons {ECO:0000250|UniProtKB:Q8C3Q5}

SHISA7 Antibody - middle region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SHISA7 Antibody - middle region - Images

Host: Rabbit
Target Name: SHISA7
Sample Tissue: OVCAR-3 Whole cell lysate
s
Antibody Dilution: 1.0µg/ml

SHISA7 Antibody - middle region - References

Grimwood J., et al. Nature 428:529-535(2004).
Stevens M., et al. Submitted (MAR-2006) to the EMBL/GenBank/DDBJ databases.