

SHISA6 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11913a**Specification**

SHISA6 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q6ZSJ9](#)**SHISA6 Antibody (N-term) Blocking peptide - Additional Information**

Gene ID 388336

Other Names

Protein shisa-6 homolog, SHISA6

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.

SHISA6 Antibody (N-term) Blocking peptide - Protein InformationName SHISA6 ([HGNC:34491](#))**Function**

Involved in maintenance of high-frequency synaptic transmission at hippocampal CA3-CA1 synapses. Regulates AMPA-type glutamate receptor (AMPA) immobilization at postsynaptic density keeping the channels in an activated state in the presence of glutamate and preventing synaptic depression. May play a role in self-renewal and differentiation of spermatogonial stem cells by inhibiting canonical Wnt signaling pathway.

Cellular Location

Membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q3UH99}.
Postsynaptic density {ECO:0000250|UniProtKB:Q3UH99}

Tissue Location

Expressed in the developing ventral mesencephalon.

SHISA6 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SHISA6 Antibody (N-term) Blocking peptide - Images**SHISA6 Antibody (N-term) Blocking peptide - Background**

The function of this protein remains unknown.

SHISA6 Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :