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SHISA6 Rabbit pAb

Catalog # AP96908

Product Information

Application	WB
Primary Accession	Q6ZSJ9
Other Accession	Q6ZSJ9
Reactivity	Rat, Mouse
Predicted	Human, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55764
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SHISA6
Epitope Specificity	251-350/500
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the shisa family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	388336
Other Names	SHSA6_HUMAN; SHISA6; shisa family member 6; shisa homolog 6 (Xenopus laevis)
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SHISA6 (HGNC:34491)
Function	Involved in maintenance of high-frequency synaptic transmission at hippocampal CA3-CA1 synapses. Regulates AMPA-type glutamate receptor (AMPAR) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.