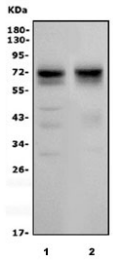
SHISA7 Antibody (RQ6155)

Catalog No.	Formulation	Size
RQ6155	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	A6NL88
Applications	Western blot: 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This SHISA7 antibody is available for research use only.



Western blot testing of 1) mouse brain and 2) rat brain with SHISA7 antibody. Predicted molecular weight ~70 kDa.

Description

Shisa7, a single-passing transmembrane protein, localizes at GABAergic inhibitory synapses and interacts with GABA-A receptors. Shisa7 controlled receptor abundance at synapses and sped up the channel deactivation kinetics. Shisa7 also potently enhanced the action of diazepam, a classic benzodiazepine, on GABA-A receptors. Genetic deletion of Shisa7 selectively impaired GABAergic transmission and diminished the effects of diazepam in mic

Application Notes

Optimal dilution of the SHISA7 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids Y308-E535) was used as the immunogen for the SHISA7 antibody.

Storage

After reconstitution, the SHISA7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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