

CLSTN1 Rabbit mAb
Catalog # AP76445**Specification**

CLSTN1 Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	O94985
Reactivity	Human, Mouse, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	109793

CLSTN1 Rabbit mAb - Additional Information**Gene ID** 22883**Other Names**
CLSTN1**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IHC-F~~N/A
ICC~~N/A**Format**
Liquid**CLSTN1 Rabbit mAb - Protein Information****Name** CLSTN1 ([HGNC:17447](#))**Function**

Postsynaptic adhesion molecule that binds to presynaptic neuroligins to mediate both excitatory and inhibitory synapse formation (By similarity). Promotes synapse development by acting as a cell adhesion molecule at the postsynaptic membrane, which associates with neuroligin-1 at the presynaptic membrane (By similarity). Also functions as a cargo in axonal anterograde transport by acting as a molecular adapter that promotes KLC1 association with vesicles (PubMed: [21385839](http://www.uniprot.org/citations/21385839)). Complex formation with APBA2 and APP, stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation (PubMed: [12972431](http://www.uniprot.org/citations/12972431)).

Cellular Location

Postsynaptic cell membrane {ECO:0000250|UniProtKB:Q9EPL2}; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Cell projection, neuron projection.
Note=Localized in the postsynaptic membrane of both excitatory and inhibitory synapses

{ECO:0000250|UniProtKB:Q9EPL2}

Tissue Location

Expressed in the brain and, a lower level, in the heart, skeletal muscle, kidney and placenta. Accumulates in dystrophic neurites around the amyloid core of Alzheimer disease senile plaques (at protein level).

CLSTN1 Rabbit mAb - 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](#)

CLSTN1 Rabbit mAb - Images



