

Cerebellin 2 Polyclonal Antibody
Catalog # AP69052**Specification**

Cerebellin 2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8IUK8
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal

Cerebellin 2 Polyclonal Antibody - Additional Information**Gene ID** 147381**Other Names**

CBLN2; Cerebellin-2

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cerebellin 2 Polyclonal Antibody - Protein Information**Name** CBLN2 ([HGNC:1544](#))**Function**

Acts as a synaptic organizer in specific subsets of neurons in the brain. Essential for long-term maintenance but not establishment of excitatory synapses. Functions as part of a trans-synaptic complex by binding to postsynaptic GRID1 and presynaptic neuroligins. This interaction helps regulate the activity of NMDA and AMPA receptors at hippocampal synapses without affecting synapse formation. NRXN1B-CBLN2- GRID1 complex transduce presynaptic signals into postsynaptic NMDAR response. NRXN3B-CBLN2-GRID1 complex transduce presynaptic signals into postsynaptic AMPAR response.

Cellular Location

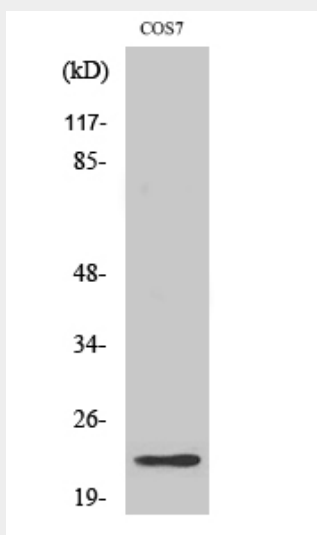
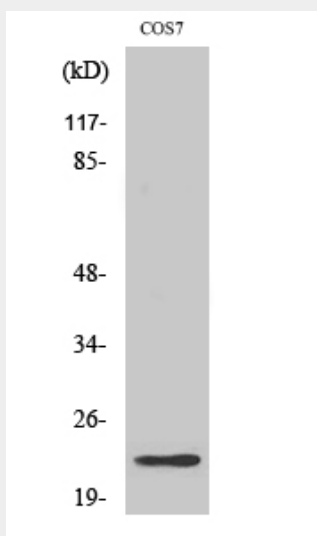
Secreted {ECO:0000250|UniProtKB:Q8BGU2}.

Cerebellin 2 Polyclonal Antibody - 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](#)

Cerebellin 2 Polyclonal Antibody - Images



Cerebellin 2 Polyclonal Antibody - Background

May play role in synaptogenesis induction.