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Cerebellin 4 Polyclonal Antibody

Catalog # AP69054

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9NTU7
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21808

Additional Information

Gene ID	140689
Other Names	CBLN4; CBLNL1; Cerebellin-4; Cerebellin-like glycoprotein 1
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

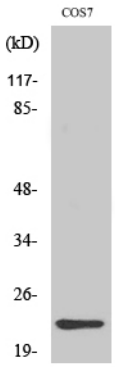
Protein Information

Name	CBLN4
Synonyms	CBLNL1
Function	Acts as a synaptic organizer in specific subsets of neurons in the brain (By similarity). Essential for the formation and maintenance of inhibitory GABAergic synapses (By similarity). Promotes the development of dendrite-targeting inhibitory GABAergic synapses made by somatostatin-positive interneurons (By similarity). May contribute to the function of ventral medial habenula region of the brain implicated in the regulation of anxiety-related behaviors (By similarity). May play a role in CBLN3 export from the endoplasmic reticulum and secretion (By similarity).
Cellular Location	Secreted {ECO:0000250|UniProtKB:Q8BME9}. Synapse {ECO:0000250|UniProtKB:Q8BME9}. Note=Detected at GABAergic synapses {ECO:0000250|UniProtKB:Q8BME9}

Background

May be involved in synaptic functions in the CNS. May play a role in CBLN3 export from the endoplasmic reticulum and secretion (By similarity).

Images



Western Blot analysis of various cells using Cerebellin 4 Polyclonal Antibody

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