

Rabbit Precerebellin Polyclonal Antibody | anti-CBLN1 antibody

Precerebellin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39561	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

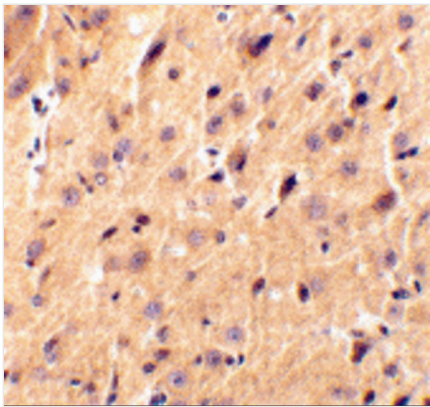
PRODUCT SYNONYMS

Precerebellin; Polyclonal Antibody; Precerebellin Antibody; Cerebellin-1; CER; cerebellin 1 precursor; anti-CBLN1 antibody

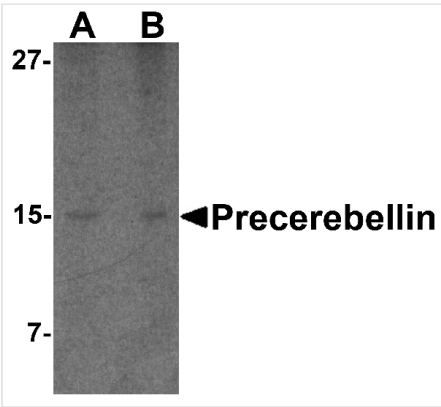
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Precerebellin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	193
Applicable Applications for anti-CBLN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Precerebellin antibody was raised against a 15 amino acid synthetic peptide from the middle of human precerebellin.
Buffer	Precerebellin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Precerebellin antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical staining of rat brain tissue using precerebellin antibody at 2 μg/mL.



WB (Western Blot)
Western blot analysis of precerebellin in mouse cerebellum lysate with precerebellin antibody at (A) 2 and (B) 4 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CBLN1 antibody	Precerebellin Antibody: Precerebellin is the precursor of the brain-specific hexadecapeptide cerebellin, a protein with substantial similarity to the globular region of the B chain of complement component C1q. Cerebellin exerts neuromodulatory functions by directly stimulating norepinephrine release via the adenylate cyclase/pka- dependent signaling pathway; and indirectly enhances adrenocortical secretion in vivo, through a paracrine mechanism involving medullary catecholamine release. The active form of precerebellin is highly enriched in postsynaptic structures of cerebellar Purkinje cells in cartwheel neurons of the dorsal cochlear nucleus. Because precerebellin belongs to the C1q/tumor necrosis factor superfamily of secreted proteins and has similarity to adiponectin and CTRP3, it has been suggested that precerebellin possesses functions other than those already stated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116114
NCBI GeneID	869
UniProt Accession #	P23435; P02682; Q52M09; B2RAN9
Molecular Weight	21,097 Da
NCBI Official Full Name	Cerebellin-1
NCBI Official Synonym Full Names	cerebellin 1 precursor
NCBI Official Symbol	CBLN1
NCBI Protein Information	cerebellin-1; precerebellin
UniProt Protein Name	Cerebellin-1
UniProt Gene Name	CBLN1
UniProt Synonym Gene Names	CER
UniProt Entry Name	CBLN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.