

CBLN4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP5155b**Specification**

CBLN4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9NTU7](#)

CBLN4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 140689

Other Names

Cerebellin-4, Cerebellin-like glycoprotein 1, CBLN4, CBLNL1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CBLN4 Antibody (C-term) Blocking Peptide - 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}

CBLN4 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CBLN4 Antibody (C-term) Blocking Peptide - Images

CBLN4 Antibody (C-term) Blocking Peptide - Background

Cerebellin is a sixteen aa peptide found mainly in the adrenal medulla, where it has been shown to have a neuromodulatory function. Cerebellin is derived from precerebellin, a protein with sequence similarity to the noncollagen domain of complement component C1qB. The protein is a glycoprotein which shares sequence similarity with precerebellin.

CBLN4 Antibody (C-term) Blocking Peptide - References

Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Deloukas, P., et al. Nature 414(6866):865-871(2001)