

产品名称: Cerebellin 1 Rabbit Polyclonal Antibody
产品货号: AP Rab08679



产品概述 (Summary)

产品名称 (Production Name)	Cerebellin 1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CBLN1
别名 (Alternative Names)	CBLN1; Cerebellin-1; Precerebellin
基因 ID (Gene ID)	869.0
蛋白 ID (SwissProt ID)	P23435.The antiserum was produced against synthesized peptide derived from human CBLN1. AA range:131-180

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	25kDa

研究背景 (Background)

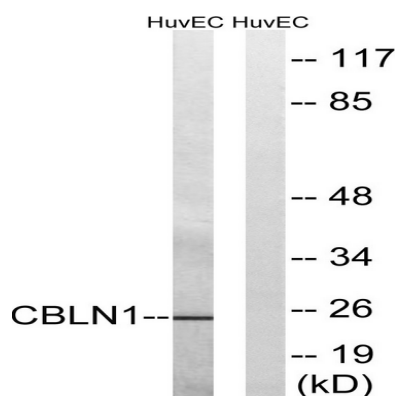
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This gene encodes a cerebellum-specific precursor protein, precerebellin, with similarity to the globular (non-collagen-like) domain of complement component C1qB. Precerebellin is processed to give rise to several derivatives, including the hexadecapeptide, cerebellin, which is highly enriched in postsynaptic structures of Purkinje cells. Cerebellin has also been found in human and rat adrenals, where it has been shown to enhance the secretory activity of this gland. [provided by RefSeq, Aug 2008], developmental stage: Low at birth, the cerebellin concentration increases between day 5 and 15, and reaches peak values between day 21 and 56., function: Cerebellin exerts neuromodulatory functions. Directly stimulates 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., function: Cerebellin-1 is required for synapse integrity and synaptic plasticity. Required for the ER export and secretion of CBLN3., PTM: The proteolytic processing to yield cerebellin seems to occur either prior to the secretion by presynaptic neurons and subsequent oligomerization or in some other location after release of the mature protein., similarity: Contains 1 C1q domain., subcellular location: Might be bound to, or associated with, a membrane., subunit: Homohexamer; disulfide-linked homotrimers. The trimers are assembled via the globular C1q domains. The trimers associate via N-terminal cysteine residues to form disulfide-linked hexamers. Probably forms a heteomeric complex with CBLN3. May interact with CBLN2 and CBLN4., tissue specificity: In the Purkinje cells postsynaptic structures. In the cerebellum, cerebellin is much less abundant than [des-Ser1]-cerebellin.,

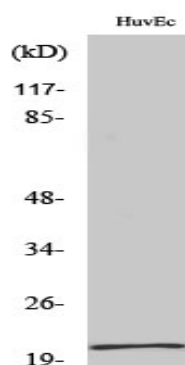
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from HUVEC cells, using CBLN1 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using Cerebellin 1 Polyclonal Antibody

注意事项 (Note)

For research use only .