bs-11816R

[Primary Antibody]

CBLN4 Rabbit pAb



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– DATASHEET –––––		400-901-9800
Host: RabbitIsotype: IgGClonality: Polyclonal		Applications: WB (1:500-2000) IHC-P (1:100-500)
GenelD: 140689		IF (1:100-500)
Target: CBLN4		ELISA (1:5000-10000)
Immunogen: KLH conjugated synthetic peptide derived from human CBLN4: 101-201/201.		4: Reactivity: (predicted: Human, Mouse,
Purification: affinity purified by Protein A		Rat, Rabbit, Pig, Sheep, Chicken, Dog, Horse)
Concentration: 1mg/ml		
 Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Cerebellin (CER), which was originally isolated from rat cerebellum, is a hexadecapeptide derived from a larger precursor called Cerebellin 1, also designated precerebellin 1 or Cbln1. Four propeptides, Cerebellin 1, Cerebellin 2 (Cbln2), Cerebellin 3 (Cbln3) and Cerebellin 4 (Cbln4), comprise the precerebellin subfamily within the C1q protein family. Cerebellin family members act as transneuronal regulators of synapse development and synaptic plasticity in various brain regions. Cerebellin 1, 2 and 3 assemble into homomeric and heteromeric complexes, thereby influencing each other's degradation and secretion. Cerebellin 3 is not able to form homomeric complexes, and can only be secreted upon forming a heteromeric complex with Cerebellin 1. Decreased concentrations of Cerebellin have been found in the brain of patients with olivopontocerebellar atrophy (OPCA) and Shy-Drager syndrome, suggesting a role for Cerebellin in the pathology of these diseases. 		Predicted MW.: 19 kDa Subcellular Location: Secreted ,Cell membrane bln3) y as tic te, le cing bble n rager