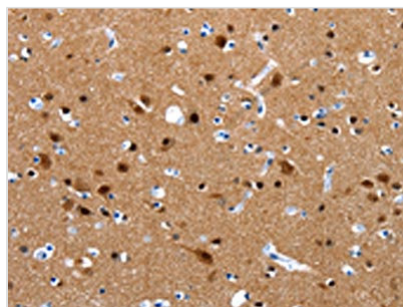




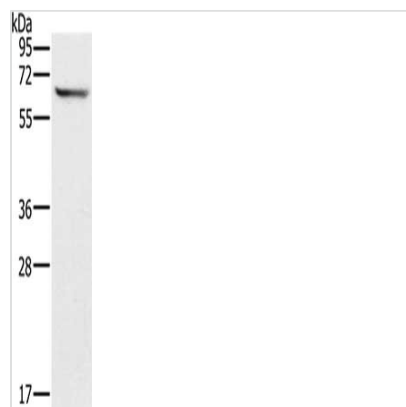
CRMP1 Antibody

Product Code	CSB-PA695187
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q14194
Immunogen	Synthetic peptide of Human CRMP1
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;ELISA:1:1000-1:5000,WB:1:500-1:1000,IHC:1:25-1:100
Relevance	Collapsin response mediator protein 1, encoded by the CRMP1 gene, is a human protein of the CRMP family. This gene encodes a member of a family of cytosolic phosphoproteins expressed exclusively in the nervous system. The encoded protein is thought to be a part of the semaphorin signal transduction pathway implicated in semaphorin-induced growth cone collapse during neural development. Alternative splicing results in multiple transcript variants. CRMP1 mediates reelin signaling in cortical neuronal migration. Mice deficient in CRMP1 exhibit impaired long-term potentiation and impaired spatial learning and memory. CRMP1 gene overlaps with another gene called EVC. CRMP1 has been shown to interact with DPYSL2.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	CRMP1

Image



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using CSB-PA695187(CRMP1 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: ×200)



Gel: 10%SDS-PAGE, Lysate: 30 μ g, Lane:
 Mouse brain tissue, Primary antibody: CSB-
 PA695187(CRMP1 Antibody) at dilution 1/500,
 Secondary antibody: Goat anti rabbit IgG at
 1/8000 dilution, Exposure time: 20 seconds