

**bs-23133R****[ Primary Antibody ]****CRMP4 Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Cow, Dog, Horse)  <b>Predicted MW.:</b> 62 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1809	<b>SWISS:</b> Q14195	
<b>Target:</b> CRMP4		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CRMP4: 88-135/570.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> The collapsin response mediator protein (CRMP) family of five cytosolic phosphoproteins are highly expressed throughout brain development. The functions of CRMPs encompass signal transduction in developmental guidance cues as well as multiple cellular and molecular events involved in apoptosis/proliferation, cell migration, and differentiation. In the adult brain, the expression of CRMPs is dramatically downregulated. However, CRMPs remain expressed in structures that retain their capacity for differentiation and plasticity. The expression of CRMPs is altered in neurodegenerative diseases, and these proteins may have a role in the physiopathology of the adult nervous system.		