

bs-8283R**[Primary Antibody]****CRMP5 Rabbit pAb****Bioss**
ANTIBODIES

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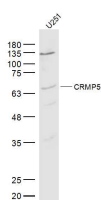
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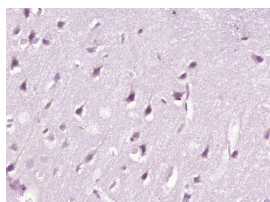
400-901-9800

— DATASHEET —

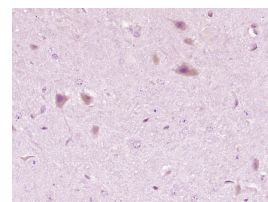
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 56896	SWISS: Q9BPU6	IHC-F (1:100-500)
Target: CRMP5		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human CRMP5: 451-564/564.		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 65 kDa
Storage: 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.		Subcellular Location: Cytoplasm
Background: The collapsin response mediator protein (CRMP) family of proteins (also referred to as ULIP6) are a group of neurologic proteins that have been found to play key roles in growth cone guidance during neural development. CRMP5 has relatively low sequence homology with the other four members of the CRMP family. CRMP5 is expressed in the developing nervous system in an expression pattern that resembles CRMP2 and has a peak expression during the first postnatal week. Elevated levels of autoantibody to CRMP5 have been shown to be linked paraneoplastic autoimmune optic neuritis and other paraneoplastic neoplasms. Auto-immunity against CRMP5 expression (predominantly the N-terminal epitopes) is also being investigated as an oncological marker in the respiratory system and in the thymus.		

— VALIDATION IMAGES —

Sample: U251(Human) Cell Lysate at 30 ug
 Primary: Anti-CRMP5 (bs-8283R) at 1/500 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 65 kD
 Observed band size: 65 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CRMP5) Polyclonal Antibody, Unconjugated (bs-8283R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CRMP5) Polyclonal Antibody, Unconjugated (bs-8283R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.