[Primary Antibody]

phospho-CRMP2 (Thr509) Rabbit pAb



www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

- DATASHEFT		400-501-5800
Host: Rabbit	lsotype: lgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GenelD: 1808	SWISS: Q16555	IF (1:100-500)
Target: CRMP2 (Thr509)	-	
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human CRMP-2 around the phosphorylation site of Thr509: SV(p-T)PK.		Keactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Chicken, Dog,
Purification: affinity purified by I	Protein A	Horse)
Concentration: 1mg/ml		Predicted MW.: ^{62 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: Collapsin response phosphoproteins ir guidance. CRMP2 w effect of Sema3A or specification. The C growth as well as m CRMPs localize to t cones, suggesting a upregulated after a of axon-type proces been reported to bi microtubule assem pathogenesis of a p studies have implic tyrosine kinase Fes Hyperphosphorylai progression of Alzh	mediator proteins (CRMPs) are cytosolic nvolved in neuronal differentiation and axonal vas previously shown to mediate the repulsive n axons and to participate in axonal CRMPs appear to play a complex role in axon nicrotubule dynamics and axon induction. he lamellipodia and filopodia of axonal growth a role in axon guidance. Moreover, CRMP2 is xotomy, and appears to increase the formation sees from hippocampal neurons. CRMP2 has ind tubulin dimers directly and modulate bly. CRMPs have also been implicated in the paraneoplastic neurologic syndrome. Interactic ated phospholipase D2 (PLD2), the cytosolic , and intersectin in CRMP function. tion of CRMP2 is an early event in the eimer's disease.	n

- VALIDATION IMAGES



Sample:Hela Cell(Human)Lysate at 40 ug Primary: Anti-P-CRMP2 (Thr509)(bs-14064R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size:62kD Observed band size: 62kD



Paraformaldehyde-fixed, paraffin embedded (rat testis tissue); 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 (CRMP2 (Thr509)) Polyclonal Antibody, Unconjugated (bs-14064R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (CRMP2 (Thr509)) Polyclonal Antibody, Unconjugated (bs-14064R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.