

bs-5359R**[Primary Antibody]****phospho-Gria2 (Ser880) Rabbit pAb****Bioss**
ANTIBODIES

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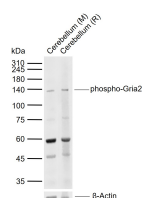
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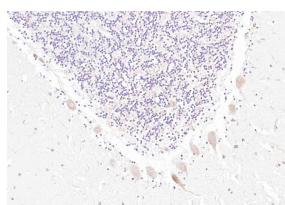
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 2891	SWISS: P42262	IHC-F (1:100-500)
Target: Gria2 (Ser880)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Gria2 around the phosphorylation site of Ser880: IE(p-S)VK.		Reactivity: Human, Mouse, Rat (predicted: Cow, Chicken, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 96 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: Cell membrane ,Cytoplasm
Background: Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to a family of glutamate receptors that are sensitive to alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate(AMPA), and function as ligand-activated cation channels. These channels are assembled from 4 related subunits, Gria1-4. The subunit encoded by this gene (Gria2) is subject to RNA editing(CAG->CGG; Q->R) within the second transmembrane domain, which is thought to render the channel impermeable to Ca(2+). Alternative splicing, resulting in transcript variants encoding different isoforms, (including the flip and flop isoforms that vary in their signal transduction properties), has been noted for this gene.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebellum tissue lysates
Lane 2: Rat Cerebellum tissue lysates
Primary: Anti-phospho-Gria2 (Ser880) (bs-5359R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 96 kDa
Observed band size: 138 kDa



Paraformaldehyde-fixed, paraffin embedded (human cerebellum); 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; Incubation with (phospho-Gria2 (Ser880)) Polyclonal Antibody, Unconjugated (bs-5359R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.