

bs-18801R**[Primary Antibody]****MGLUR5 Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

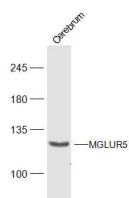
sales@bioss.com.cn

techsupport@bioss.com.cn

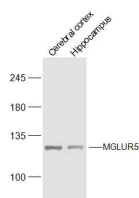
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat (predicted: Sheep, Cow, Chicken, Horse, Monkey)
GeneID: 2915	SWISS: P41594	Predicted MW.: 130 kDa
Target: MGLUR5		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human MGLUR5: 431-530/1212. < Extracellular >		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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.		
Background: Glutamate receptors constitute the principal excitatory neurotransmitter receptors in brain. Two classes of glutamate receptors exist: Ionotropic receptors, and metabotropic receptors (mGluRs). Metabotropic Glutamate Receptor 5b (GRM5) activity is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system and generates a calcium-activated chloride current. The metabotropic glutamate receptor type 5 (mGlu5) is expressed in two splice variants, mGlu5a and mGlu5b, which differ in that mGlu5b has a 33-amino acid insert in the intracellular C-terminal domain. This receptor subtype is highly regulated, with higher levels found in developing animals.		

— VALIDATION IMAGES —

Sample: Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-MGLUR5 (bs-18801R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 130 kD
Observed band size: 130 kD



Sample: Cerebral cortex (Mouse) Lysate at 40 ug
Hippocampus (Mouse) Lysate at 40 ug
Primary: Anti-MGLUR5 (bs-18801R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 130 kD
Observed band size: 130 kD