

bs-1200R**[Primary Antibody]****Omgp Rabbit pAb****BioSS**
ANTIBODIES

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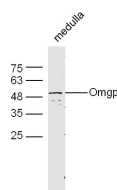
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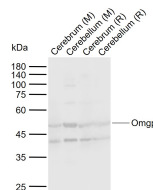
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 4974 Target: Omgp Immunogen: KLH conjugated synthetic peptide derived from human Omgp: 166-280/440. 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: Oligodendrocyte myelin glycoprotein (OMG) is a glycosylphosphatidylinositol (GPI)-anchored CNS myelin protein, which is a potent inhibitor of neurite outgrowth in cultured neurons, and contributes significantly to the inhibitory activity associated with CNS myelin.	Isotype: IgG SWISS: P23515	Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat (predicted: Cow) Predicted MW.: 43 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Medulla (Mouse) Lysate at 30 ug
 Primary: Anti- Omgp (bs-1200R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kD
 Observed band size: 49 kD



Sample: Lane 1: Mouse Cerebrum tissue lysates
 Lane 2: Mouse Cerebellum tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Cerebellum tissue lysates Primary: Anti-Omgp (bs-1200R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kDa Observed band size: 48 kDa

— SELECTED CITATIONS —

- **[IF=1.27]** Feng, Nianping, et al. "Transplantation of mesenchymal stem cells promotes the functional recovery of the central nervous system following cerebral ischemia by inhibiting myelin-associated inhibitor expression and neural apoptosis." Experimental and Therapeutic Medicine. IHC ;="Rat". 27168778