

**bs-16298R****[ Primary Antibody ]****GPR83 Rabbit pAb****Bioss**  
**ANTIBODIES**

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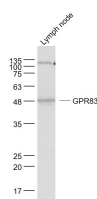
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Dog, Horse)
<b>GeneID:</b> 10888	<b>SWISS:</b> Q9NYM4	
<b>Target:</b> GPR83		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human GPR83: 201-300/423. < Extracellular >		<b>Predicted MW.:</b> 46 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cell membrane
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> GPR83 (G protein-coupled receptor 83), also known as GIR or GPR72, is a 423 amino acid multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family. Expressed specifically in brain tissue, GPR83 functions as an orphan receptor that is thought to play a role in signaling events throughout the cell. Human GPR83 shares 85% amino acid identity with its rodent counterpart, suggesting a conserved role between species.		

**— VALIDATION IMAGES —**

Sample: Lymph node (Mouse) Lysate at 40 ug  
Primary: Anti- GPR83 (bs-16298R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 46 kD Observed band size: 48 kD