

**bs-0236R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

www.bioss.com.cn

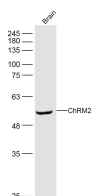
sales@bioss.com.cn

techsupport@bioss.com.cn

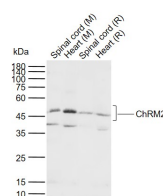
400-901-9800

**ChRM2 Rabbit pAb****— DATASHEET —**

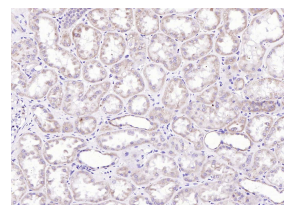
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Pig, Chicken)  <b>Predicted MW.:</b> 52 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1129	<b>SWISS:</b> P08172	
<b>Target:</b> ChRM2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ChRM2: 381-466/466. < Cytoplasmic >		
<b>Purification:</b> affinity purified by Protein A		
<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> The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine to these receptors and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 2 is involved in mediation of bradycardia and a decrease in cardiac contractility. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

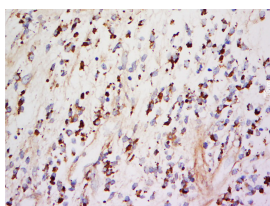
Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-ChRM2 (bs-0236R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD  
Observed band size: 52 kD



Sample: Lane 1: Mouse Spinal cord tissue lysates  
Lane 2: Mouse Heart tissue lysates Lane 3: Rat Spinal cord tissue lysates Lane 4: Rat Heart tissue lysates  
Primary: Anti- ChRM2 (bs-0236R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kDa Observed band size: 47 kDa



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (ChRM2) Polyclonal Antibody, Unconjugated (bs-0236R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: schwannoma; 4%  
Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-ChRM2 Polyclonal Antibody, Unconjugated(bs-0236R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining