

**bs-4247R****[ Primary Antibody ]****CHRNA2 Rabbit pAb****Bioss**  
ANTIBODIES

www.bioss.com.cn

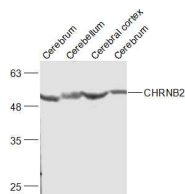
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Pig, Cow, Chicken, Dog)
<b>GeneID:</b> 1141	<b>SWISS:</b> P17787	
<b>Target:</b> CHRNA2		<b>Predicted MW.:</b> 52 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CHRNA2: 131-230/502. < Extracellular >		<b>Subcellular Location:</b> Cell membrane
<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> Neuronal acetylcholine receptors are homo- or heteropentameric complexes composed of homologous alpha and beta subunits. They belong to a superfamily of ligand-gated ion channels which allow the flow of sodium and potassium across the plasma membrane in response to ligands such as acetylcholine and nicotine. This gene encodes one of several beta subunits. Mutations in this gene are associated with autosomal dominant nocturnal frontal lobe epilepsy. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Sample: Cerebrum (Mouse) Lysate at 40 ug  
Cerebellum (Mouse) Lysate at 40 ug Cerebral  
cortex (Mouse) Lysate at 40 ug Cerebrum (Rat)  
Lysate at 40 ug Primary: Anti-CHRNA2  
(bs-4247R) at 1/500 dilution Secondary:  
IRDye800CW Goat Anti-Rabbit IgG at 1/20000  
dilution Predicted band size: 52 kD Observed  
band size: 52 kD