

**bs-11145R****[ Primary Antibody ]****PCDHGA2 Rabbit pAb****BioSS**  
**ANTIBODIES**

www.bioss.com.cn

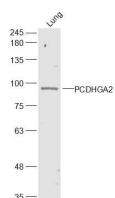
sales@bioss.com.cn

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 (predicted: Human, Rat)
<b>GeneID:</b> 56113		
<b>Target:</b> PCDHGA2		<b>Predicted MW.:</b> 98 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PCDHGA2: 61-160/932. < 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> Protocadherins are a large family of cadherin-like cell adhesion proteins that are involved in the establishment and maintenance of neuronal connections in the brain. There are three protocadherin gene clusters designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. PCDHGA2 (Protocadherin gamma A2) is a 932 amino acid protein that is one of 22 proteins encoded by the protocadherin gamma cluster. The protocadherin gamma cluster consists of three subfamilies (A, B and C) and PCDHGA2 is a member of the gamma subfamily A. PCDHGA2 contains six cadherin motifs, and characteristic of gamma protocadherins, PCDHGA2 is a type I transmembrane receptor expressed in the central nervous system and localizes to synapses. Members of the gamma cluster of protocadherins are essential for neuronal survival.		

**— VALIDATION IMAGES —**

Sample: Lung (Mouse) Lysate at 40 ug Primary:  
Anti-PCDHGA2 (bs-11145R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 98 kD  
Observed band size: 98 kD