

bs-1785R**[Primary Antibody]****CNGA2 Rabbit pAb****BioSS**
ANTIBODIES

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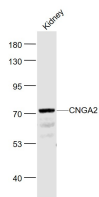
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GeneID: 1260	SWISS: Q16280	
Target: CNGA2		
Immunogen: KLH conjugated synthetic peptide derived from human CNGA2 : 193-270/664.		
Purification: affinity purified by Protein A		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Dog)
Concentration: 1mg/ml		Predicted MW.: 73 kDa
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: odorant signal transduction is probably mediated by a G-protein coupled cascade using cAMP as second messenger. CNGA2 belongs to the cyclic nucleotide-gated cation channel (TC 1.A.1.5) family and contains one cyclic nucleotide-binding domain. It may be involved in odorant signal transduction. The olfactory channel can be shown to be activated by cyclic nucleotides which leads to a depolarization of olfactory sensory neurons.		Subcellular Location: Cell membrane

— VALIDATION IMAGES —

Sample: Kidney (Mouse) Lysate at 40 ug Primary:
Anti- CNGA2 (bs-1785R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 73 kD
Observed band size: 73 kD