

bs-12112R**[Primary Antibody]****CHRNA6 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Sheep, Dog) Predicted MW.: 54 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 8973	SWISS: Q15825	
Target: CHRNA6		
Immunogen: KLH conjugated synthetic peptide derived from human CHRNA6: 101-200/494.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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: Members of the ligand-gated ion channel receptor family are characterized by their fast transmitting response to neurotransmitters. Two important members of this family are the nicotinic acetylcholine and glutamate receptors, both of which are composed of five homologous subunits forming a transmembrane aqueous pore. These transmembrane receptors change conformation in response to their cognate neurotransmitter. Nicotinic acetylcholine receptors (AChRs) are found at the postsynaptic membrane of the neuromuscular junction and bind acetylcholine molecules, allowing ions to move through the pore. AChR alpha 6, also designated cholinergic nicotinic receptor alpha polypeptide 6, is a neuronal acetylcholine receptor protein expressed in respiratory mucosa. AChR alpha 6 is also selectively expressed on dopaminergic terminals, where it complexes with AChR Beta 2 and AChR alpha 4.		