## bs-19242R

## [ Primary Antibody ]

## CHRNB3 Rabbit pAb



400-901-9800

		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal	-	Reactivity: Human Mouse Pat
<b>GenelD:</b> 1142	SWISS: Q05901	Reactivity: Human, Mouse, Nat
Target: CHRNB3		
Immunogen: KLH conjugated synthetic peptide derived from human CHRNB3: 151-250/458. < Extracellular >		Predicted MW.: <sup>51 kDa</sup>
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Location: Cell membrane
Storage: 0.01M TBS (pH Glycerol. Shipped at 4°C freeze/thaw cy	7.4) with 1% BSA, 0.02% Proclin300 and 50% Store at -20°C for one year. Avoid repeated cles.	
superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are (hetero)pentamers composed of homologous subunits. The subunits that make up the muscle and neuronal forms of nAChRs are encoded by separate genes and have different primary structure. There are several subtypes of neuronal nAChRs that vary based on which homologous subunits are arranged around the central channel. They are classified as alpha-subunits if, like muscle alpha-1 (MIM 100690), they have a pair of adjacent cysteines as part of the presumed acetylcholine binding site. Subunits lacking these cysteine residues are classified as beta-subunits (Groot Kormelink and Luyten, 1997 [PubMed 9009220]). Elliott et al. (1996) [PubMed 8906617] stated that the proposed structure for each subunit is a conserved N-terminal extracellular domain followed by 3 conserved transmembrane domains, a variable cytoplasmic loop, a fourth conserved transmembrane domain, and a short C-terminal extracellular region.[supplied by OMIM, Apr 2010]		

## - VALIDATION IMAGES -



Sample: Cerebrum (Mouse) Lysate at 40 ug Cerebrum (Rat) Lysate at 40 ug Primary: Anti-CHRNB3 (bs-19242R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51/56 kD Sample: Heart (Mouse) Lysate at 40 ug H9C2 (Rat) CellLysate at 30 ug Primary: Anti-CHRNB3 (bs-19242R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51/56 kD