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Product datasheet for AP55109PU-N

Nicotinic Acetylcholine Receptor beta 2 (CHRNB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**ELISA.** **Western Blot:** 1/200-1/1000. **Immunohistochemistry:** 1/50-1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from CHRNB2 protein
Specificity:	Reacts with 57 kDa CHRNB2 protein.
Formulation:	0.1M Tris, 0.1M Glycine and 2% Sucrose State: Purified State: Lyophilized purified powder Preservative: None
Reconstitution Method:	Restore in distilled water.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cholinergic receptor nicotinic beta 2 subunit
Database Link:	Entrez Gene 1141 Human P17787

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Background: The nicotinic acetylcholine receptors (nAChRs) are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are thought to be (hetero)pentamers composed of homologous subunits. After binding Acetylcholine, the Nicotinic Acetylcholine Receptor (AChR) responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. Neuronal AChR seems to be composed of two different type of subunits: alpha and beta.

Synonyms: Nicotinic acetylcholine receptor subunit beta 2, CHRNB2