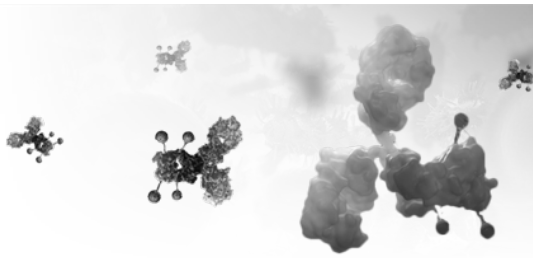

Rabbit Anti-Rat Nicotinic Acetylcholine Receptor β4 (CHRNB4) (extracellular) polyclonal antibody (CABT-L684BE)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This polyclonal antibody can be used in western blot, immunohistochemistry, live cell imaging, and immunocytochemistry applications. It has been designed to recognize nAChRβ4 from mouse, rat, and human samples.
Immunogen	Peptide CYEGVNILRIPAKR, corresponding to amino acid residues 95-108 of rat nAChRβ4. Extracellular, N-terminus.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Affinity purified on immobilized antigen.
Conjugate	Unconjugated
Applications	ICC, IHC , WB, IFC, IP
Reconstitution	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1% BSA, 0.05% NaN3.
Format	Lyophilized
Size	200 µl
Preservative	0.05% sodium azide
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

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Ship	Wet ice

BACKGROUND

Introduction	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 (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
Keywords	CHRNB4;cholinergic receptor, nicotinic, beta 4 (neuronal);cholinergic receptor, nicotinic, beta polypeptide 4;neuronal acetylcholine receptor subunit beta-4;acetylcholine receptor;nicotinic;beta 4 (neuronal);neuronal nicotinic receptor beta 4 subunit;acetylcholine receptor, nicotinic, beta 4 (neuronal)

GENE INFORMATION

Official Symbol	cholinergic receptor, nicotinic, beta 4 (neuronal)

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