

Rabbit CHRNB3 Polyclonal Antibody | anti-CHRNB3 antibody

CHRNB3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328067	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

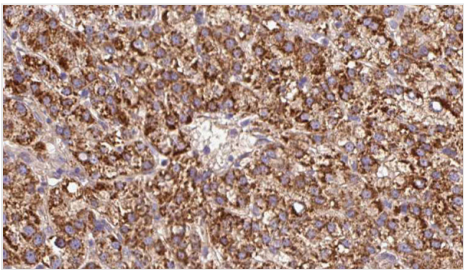
PRODUCT SYNONYMS

CHRNB3; Polyclonal Antibody; CHRNB3 Antibody; AChR; Beta-3 subunit precursor; Neuronal acetylcholine receptor protein; anti-CHRNB3 antibody

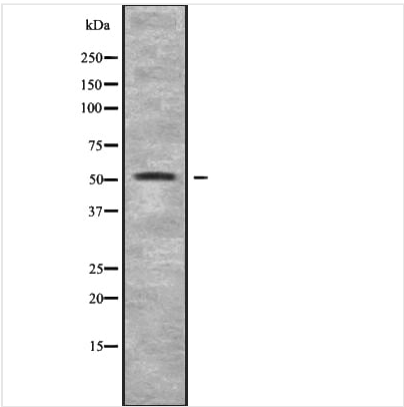
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CHRNB3 antibody detects endogenous levels of total CHRNB3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	458
Applicable Applications for anti-CHRNB3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CHRNB3
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Horse, Rabbit, Dog, Chicken
Similarity	Horse (91%), Rabbit (82%), Dog (100%), Chicken (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328067 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of CHRN3 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-CHRN3 antibody	Function: After binding acetylcholine, the 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. Subunit Structure: Neuronal AChR seems to be composed of two different type of subunits: alpha and beta. Similarity: Belongs to the ligand-gated ion channel (TC 1.A.9) family. Acetylcholine receptor (TC 1.A.9.1) subfamily. Beta-3/CHRN3 sub-subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502835
NCBI GeneID	1142
NCBI Accession #	NP_000740.1
NCBI GenBank Nucleotide #	NM_000749.4
UniProt Accession #	Q05901; Q15827
Molecular Weight	Observed: 53 kDa Predicted: 53 kDa
NCBI Official Full Name	neuronal acetylcholine receptor subunit beta-3 isoform 1
NCBI Official Synonym Full Names	cholinergic receptor nicotinic beta 3 subunit
NCBI Official Symbol	CHRN3
NCBI Protein Information	neuronal acetylcholine receptor subunit beta-3
UniProt Protein Name	Neuronal acetylcholine receptor subunit beta-3
UniProt Gene Name	CHRN3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.