



Anti-CHRNA3 (aa 350-450) polyclonal antibody (DPABH-00617)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 350 - 450 of Human Nicotinic Acetylcholine Receptor alpha 3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	CHRNA3 cholinergic receptor, nicotinic, alpha 4 (neuronal) [Homo sapiens]
Official Symbol	CHRNA3
Synonyms	CHRNA3; cholinergic receptor, nicotinic, alpha 3 (neuronal); LNCR2; PAOD2; NACHRA3; neuronal acetylcholine receptor subunit alpha-3; cholinergic receptor, nicotinic, alpha polypeptide 3; neuronal nicotinic acetylcholine receptor, alpha3 subunit;
Entrez Gene ID	1136
Protein Refseq	NP_000734.2
UniProt ID	P32297
Pathway	Acetylcholine Binding And Downstream Events; Cholinergic synapse; Highly calcium permeable postsynaptic nicotinic acetylcholine receptors; Neuroactive ligand-receptor interaction
Function	acetylcholine binding; acetylcholine receptor activity; acetylcholine-activated cation-selective channel activity; acetylcholine-activated cation-selective channel activity