



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 350 - 450 of Human Nicotinic Acetylcholine Receptor alpha 3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	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	<a href="#">CHRNA3 cholinergic receptor, nicotinic, alpha 4 (neuronal) [ Homo sapiens ]</a>
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	<a href="#">1136</a>
Protein Refseq	<a href="#">NP_000734.2</a>
UniProt ID	<a href="#">P32297</a>
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