CHRNA3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHRNA3, Polyclonal Antibody
Full Product Name	CHRNA3
Product Gene Name	anti-CHRNA3 antibody
Product Synonym Names	Purified Rabbit Anti Human CHRNA3 Polyclonal antibody; LNCR2; PAOD2; NACHRA3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	57kDa
Immunogen	Recombinant fragment corresponding to 70-226aa of human CHRNA3.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CHRNA3 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CHRNA3 antibody	ELISA: 1:20000-80000 WB: 1:200-1,000 IHC: 1:100-500
Related Product Information for anti-CHRNA3 antibody	MBS8564367 is an antibody targeting CHRNA3. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens coronin 2A (CORO2A), mRNA.
Product References and Citations for anti-CHRNA3 antibody	Fornasari D, Chini B, Tarroni P, et al. Molecular cloning of human neuronal nicotinic receptor alpha3-subunit. Neurosci Lett. 111 (3):351-356 (1990)
Other Notes	Small volumes of anti-CHRNA3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHRNA3. It may not necessarily be applicable to this product.

NCBI GI #	33988530
NCBI GeneID	1136
NCBI Accession #	BC000513
UniProt Related Accession #	P32297
NCBI Official Full Name	Homo sapiens cholinergic receptor, nicotinic, alpha 3, mRNA
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 3 subunit

NCBI Official Symbol	CHRNA3
NCBI Official Synonym Symbols	LNCR2; PAOD2; NACHRA3
Protein Family	Neuronal acetylcholine receptor
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-3
NCBI Summary for CHRNA3	This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2009]
Research Articles on CHRNA3	**1.** CHRNA3/5 polymorphisms are associated with nicotine dependence, lung cancer, and chronic obstructive pulmonary disease in Mexicans.
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