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CHRNA6 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP17364b

Specification

CHRNA6 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q15825

CHRNA6 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 8973

Other Names
Neuronal acetylcholine receptor subunit alpha-6, CHRNA6

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CHRNA6 Antibody (C-term) Blocking Peptide - Protein Information

Name CHRNA6

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.

Cellular Location
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

CHRNA6 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CHRNA6 Antibody (C-term) Blocking Peptide - Images

CHRNA6 Antibody (C-term) Blocking Peptide - Background

This gene encodes an alpha subunit of neuronal nicotinicacetylcholine receptors. These receptors consist of five subunitsand function as ion channels involved in neurotransmission. Theencoded protein is a subunit of neuronal nicotinic acetylcholinereceptors that mediate dopaminergic neurotransmission and areactivated by acetylcholine and exogenous nicotine. Alternativelyspliced transcript variants have been observed for this gene.Single nucleotide polymorphisms in this gene have been associatedwith both nicotine and alcohol dependence.

CHRNA6 Antibody (C-term) Blocking Peptide - References

Saccone, N.L., et al. Genes Brain Behav. 9(7):741-750(2010)Hoft, N.R., et al. Genes Brain Behav. (2010) In press :Thorgeirsson, T.E., et al. Nat. Genet. 42(5):448-453(2010)Rigbi, A., et al. Pharmacogenomics J. (2010) In press :Zeiger, J.S., et al. Hum. Mol. Genet. 17(5):724-734(2008)