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CHRND Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11657c

Specification

CHRND Antibody (Center) Blocking peptide - Product Information

Primary Accession Q07001

CHRND Antibody (Center) Blocking peptide - Additional Information

Gene ID 1144

Other Names
Acetylcholine receptor subunit delta, CHRND, ACHRD

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.

CHRND Antibody (Center) Blocking peptide - Protein Information

Name CHRND (HGNC:1965)

Synonyms ACHRD

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

CHRND Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

CHRND Antibody (Center) Blocking peptide - Images

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CHRND Antibody (Center) Blocking peptide - Background

The acetylcholine receptor of muscle has 5 subunits of 4different types: 2 alpha and 1 each of beta, gamma and deltasubunits. After acetylcholine binding, the receptor undergoes anextensive conformation change that affects all subunits and leadsto opening of an ion-conducting channel across the plasma membrane.

CHRND Antibody (Center) Blocking peptide - References

Saccone, N.L., et al. Genes Brain Behav. 9(7):741-750(2010)Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010)Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :Saccone, N.L., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (4), 453-466 (2009) :Baranzini, S.E., et al. Hum. Mol. Genet. 18(4):767-778(2009)