

Goat Anti-CHRNB1 / ACHRB Antibody

Peptide-affinity purified goat antibody Catalog # AF1240a

Specification

Goat Anti-CHRNB1 / ACHRB Antibody - Product Information

Application WB
Primary Accession P11230

Other Accession NP 000738, 1140

Reactivity Human

Predicted Mouse, Rat, Cow

Host Goat
Clonality Polyclonal
Concentration 100ug/200ul

Isotype IgG
Calculated MW 56698

Goat Anti-CHRNB1 / ACHRB Antibody - Additional Information

Gene ID 1140

Other Names

Acetylcholine receptor subunit beta, CHRNB1, ACHRB, CHRNB

Format

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-CHRNB1 / ACHRB Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CHRNB1 / ACHRB Antibody - Protein Information

Name CHRNB1 (HGNC:1961)

Synonyms ACHRB, CHRNB

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.



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Cellular Location

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

Goat Anti-CHRNB1 / ACHRB Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-CHRNB1 / ACHRB Antibody - Images



AF1240a (1 μg/ml) staining of human cerebellum lysate (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-CHRNB1 / ACHRB Antibody - Background

The muscle acetylcholine receptor is composed of five subunits: two alpha subunits and one beta, one gamma, and one delta subunit. This gene encodes the beta subunit of the acetylcholine receptor. The acetylcholine receptor changes conformation upon acetylcholine binding leading to the opening of an ion-conducting channel across the plasma membrane. Mutations in this gene are associated with slow-channel congenital myasthenic syndrome.

Goat Anti-CHRNB1 / ACHRB Antibody - References

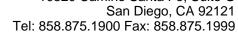
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