
CHRNA1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251823

Unit: 0.1 mg

Description:

After binding acetylcholine, the acetylcholine receptor (CHRNA1) responds by an extensive change in conformation that affects all subunits and leads to the opening of an ion-conducting channel across the plasma membrane. CHRNA1 is a pentamer of two alpha chains, and one each of the beta, delta, and gamma (in immature muscle) or epsilon (in mature muscle) chains. The alpha subunit is the main focus for antibody binding in myasthenia gravis. Myasthenia gravis is characterized by sporadic muscular fatigability and weakness, occurring chiefly in muscles innervated by cranial nerves, and characteristically improved by cholinesterase-inhibiting drugs.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Acetylcholine receptor subunit alpha; CHRNA1; ACHRA; CHNRA

Accession No.: P02708

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CHRNA1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.