
CHRNA4 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251410

Unit: 0.1 mg

Description:

After binding acetylcholine, the neuronal acetylcholine receptor (CHRNA4) responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. Defects in CHRNA4 are the cause of nocturnal frontal lobe epilepsy type 1 (ENFL1), also symbolized ADNFLE. ENFL1 is an autosomal dominant epilepsy characterized by nocturnal seizures with hyperkinetic automatisms and poorly organized stereotyped movements.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R, IP

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

Alternate Names: N-AChR alpha 4; Nicotinic acetylcholine receptor alpha 4; Neuronal acetylcholine receptor subunit alpha-4; NACRA4; Neuronal nicotinic acetylcholine receptor alpha 4; CHRNA4

Accession No.: P43681

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CHRNA4.

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