

ARG58437 anti-CHRNE antibody

Package: 50 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes CHRNE |
| Tested Reactivity | Ms |
| Predict Reactivity | Hu, Rat, Cow |
| Tested Application | WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | CHRNE |
| Species | Human |
| Immunogen | Synthetic peptide from the internal region of Human CHRNE (NP_000071.1). (C-DQEATGEEVSD) |
| Conjugation | Un-conjugated |
| Alternate Names | FCCMS; CMS1E; CMS1D; SCCMS; CMS2A; Acetylcholine receptor subunit epsilon; CMS4B; CMS4C; ACHRE; CMS4A |

Application Instructions

| | | |
|-------------------|--|-------------|
| Application table | Application | Dilution |
| | WB | 1 - 3 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Observed Size | ~ 55 kDa | |

Properties

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|---------------------|--|
| Form | Liquid |
| Purification | Affinity purified |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note

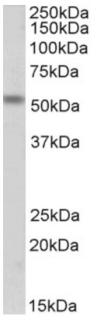
For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

| | |
|----------------|--|
| Gene Symbol | CHRNE |
| Gene Full Name | cholinergic receptor, nicotinic, epsilon (muscle) |
| Background | Acetylcholine receptors at mature mammalian neuromuscular junctions are pentameric protein complexes composed of four subunits in the ratio of two alpha subunits to one beta, one epsilon, and one delta subunit. The acetylcholine receptor changes subunit composition shortly after birth when the epsilon subunit replaces the gamma subunit seen in embryonic receptors. Mutations in the epsilon subunit are associated with congenital myasthenic syndrome. [provided by RefSeq, Sep 2009] |
| 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. [UniProt] |
| Calculated Mw | 55 kDa |

Images

Mouse fetal skeletal muscle



250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

ARG58437 anti-CHRNE antibody WB image

Western blot: 35 µg of Mouse fetal skeletal muscle lysate (in RIPA buffer) stained with ARG58437 anti-CHRNE antibody at 1 µg/ml dilution. Primary incubation was 1 hour. Detected by chemiluminescence.