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Datasheet for ABIN7468136
anti-CHRNG antibody

Overview

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|--------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | CHRNG |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CHRNG antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | Recombinant protein encompassing a sequence within the center region of human AChR gamma. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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|-------------------|--|
| Target: | CHRNG |
| Alternative Name: | cholinergic receptor nicotinic gamma subunit (CHRNG Products) |
| Background: | Synonyms: cholinergic receptor nicotinic gamma subunit , ACHRG Background: For background information on the acetylcholine receptor (AChR), see CHRNA1 (MIM 100690). Two forms of AChR are found in mammalian skeletal muscle cells. The mature |

Target Details

form is predominant in innervated adult muscle and the embryonic form is present in fetal and denervated muscle. Embryonic and mature AChR differ by the replacement of the gamma subunit in the pentameric glycoprotein complex by its isoform, the epsilon subunit (MIM 100725), which is specific to the mature AChR subtype. This switch is mediated by ARIA (acetylcholine receptor-inducing activity, MIM 142445).[supplied by OMIM]

Molecular Weight: 58 kDa

Gene ID: 1146

UniProt: [P07510](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , A431

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.