

For Research Use Only

CHRND Polyclonal antibody

Catalog Number: 17864-1-AP



Basic Information

Catalog Number:

17864-1-AP

Size:

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12337

GenBank Accession Number:

BC093923

GeneID (NCBI):

1144

UNIPROT ID:

Q07001

Full Name:

cholinergic receptor, nicotinic, delta

Calculated MW:

517 aa, 59 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue, mouse skeletal muscle tissue, rat skeletal muscle tissue

Background Information

The acetylcholine receptor of muscle has 5 subunits of 4 different types: 2 alpha and 1 each of beta, gamma and delta subunits. After acetylcholine binding, the receptor undergoes an extensive conformation change that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. Defects in this gene are a cause of multiple pterygium syndrome lethal type (MUPSL), congenital myasthenic syndrome slow-channel type (SCCMS), and congenital myasthenic syndrome fast-channel type (FCCMS).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17864-1-AP (CHRD antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.