

For Research Use Only

CHRNA1 Polyclonal antibody

Catalog Number: 10613-1-AP

12 Publications



Basic Information

Catalog Number:

10613-1-AP

Concentration:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0933

GenBank Accession Number:

BC006314

GeneID (NCBI):

1134

UNIPROT ID:

P02708

Full Name:

cholinergic receptor, nicotinic, alpha 1 (muscle)

Calculated MW:

54.5 kDa

Observed MW:

54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse heart tissue, rat heart tissue

IHC : mouse skeletal muscle tissue, human heart tissue, human skeletal muscle tissue

IF/ICC : C2C12 cell,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Shouyu Xu	27613141	Gene	IHC
Zhidan Qi	36381585	Mol Ther Nucleic Acids	WB
Yinrui Guo	34045460	Transl Psychiatry	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

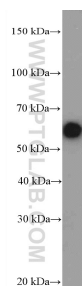
T: 4006900926

E: Proteintech-CN@ptglab.com

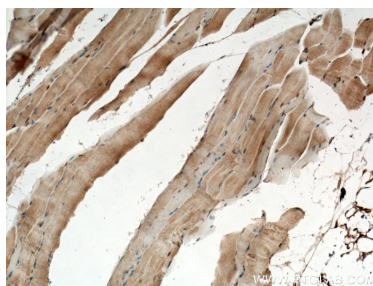
W: ptgcn.com

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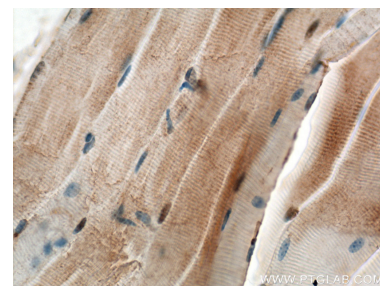
Selected Validation Data



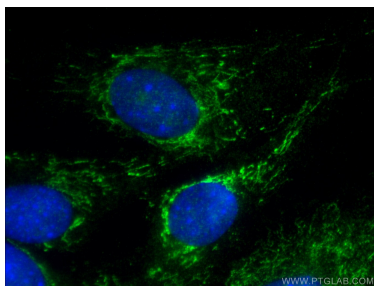
mouse heart tissue were subjected to SDS PAGE followed by western blot with 10613-1-AP (CHRNA1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 10613-1-AP (CHRNA1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 10613-1-AP (CHRNA1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed C2C12 cell using 10613-1-AP (CHRNA1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).