

For Research Use Only

CHRNA1 Polyclonal antibody

Catalog Number: 10613-1-AP **11 Publications**



Basic Information

Catalog Number: 10613-1-AP	GenBank Accession Number: BC006314	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1134	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: cholinergic receptor, nicotinic, alpha 1 (muscle)	
Isotype: IgG	Calculated MW: 54.5 kDa	
Immunogen Catalog Number: AG0933	Observed MW: 54 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB: mouse heart tissue, rat heart tissue
Species Specificity: human, mouse, rat	IHC: mouse skeletal muscle tissue, human heart tissue, human skeletal muscle tissue
Cited Species: human, mouse, rat	IF: C2C12 cell,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

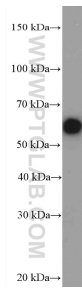
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

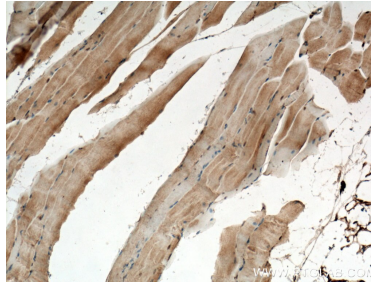
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

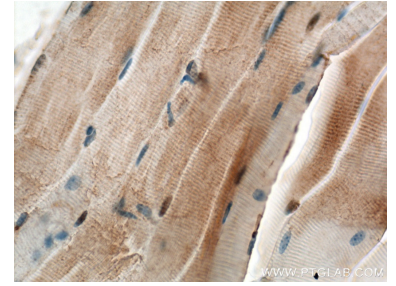
Selected Validation Data



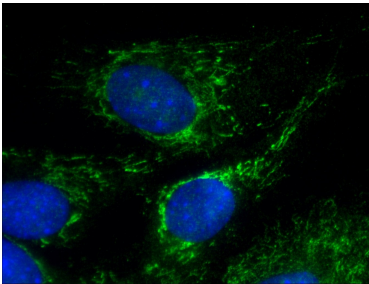
mouse heart tissue were subjected to SDS PAGE followed by western blot with 10613-1-AP (CHRNA1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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 AffiniPure Goat Anti-Rabbit IgG(H+L).