

For Research Use Only

CACNG1 Polyclonal antibody

Catalog Number: 18389-1-AP



Basic Information

Catalog Number: 18389-1-AP	GenBank Accession Number: BC069493	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 786	Recommended Dilutions: IHC 1:50-1:500 IF 1:200-1:800
Source: Rabbit	UNIPROT ID: Q06432	
Isotype: IgG	Full Name: calcium channel, voltage-dependent, gamma subunit 1	
Immunogen Catalog Number: AG12918	Calculated MW: 222 aa, 25 kDa	

Applications

Tested Applications: IF/ICC, IHC, ELISA	Positive Controls:
Species Specificity: human	IHC: mouse skeletal muscle tissue, rat skeletal muscle tissue
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IF: HepG2 cells, SH-SY5Y cells

Background Information

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:

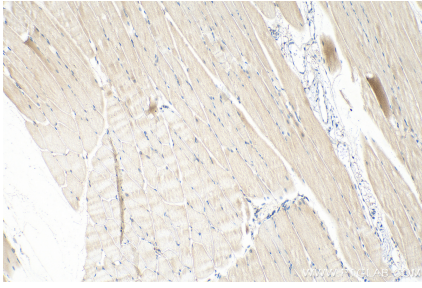
T: 4006900926

E: Proteintech-CN@ptglab.com

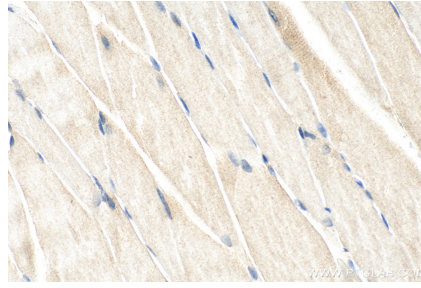
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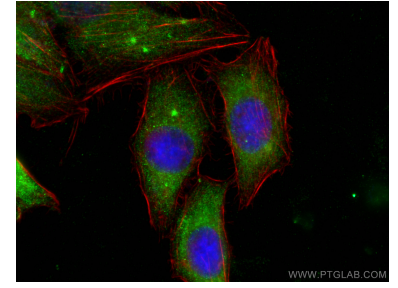
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 18389-1-AP (CACNG1 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 18389-1-AP (CACNG1 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 HepG2 cells using CACNG1 antibody (18389-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).