

L-VOCC Polyclonal antibody

Catalog Number: 21774-1-AP

21 Publications

Basic Information

Catalog Number:

21774-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16455

GenBank Accession Number:

BC146846

GeneID (NCBI):

775

UNIPROT ID:

Q13936

Full Name:

calcium channel, voltage-dependent,
L type, alpha 1C subunit

Calculated MW:

2135 aa, 239 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:200-1:800

IF 1:50-1:500

Applications

Tested Applications:

FC, IF-P, IHC, ELISA

Cited Applications:

IF, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse, rabbit

**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:

IHC : mouse brain tissue, rat brain tissue, mouse liver
tissue

IF : mouse brain tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Zhangchi Liu	36332480	Biochem Biophys Res Commun	WB
Chao Gao	34667723	Int J Ophthalmol	WB
Yaxiong Yang	35589958	Commun Biol	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

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

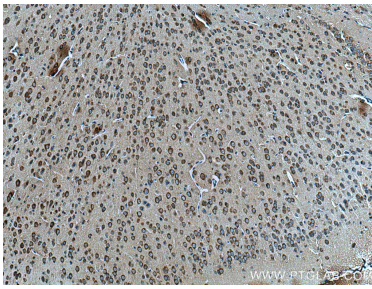
T: 4006900926

E: Proteintech-CN@ptglab.com

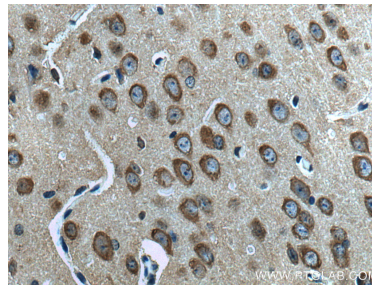
W: ptgcn.com

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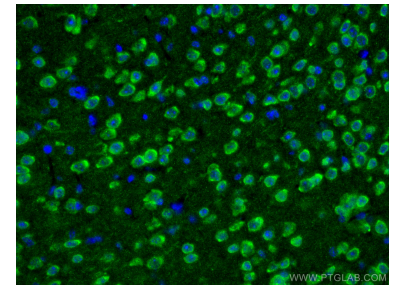
Selected Validation Data



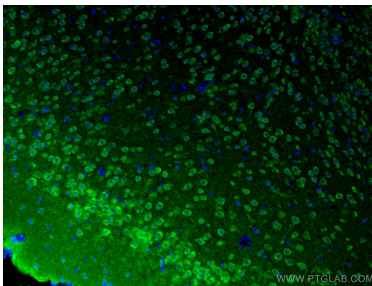
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21774-1-AP (L-VOCC antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



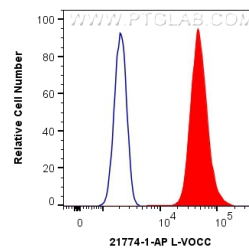
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21774-1-AP (L-VOCC antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using L-VOCC antibody (21774-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human L-VOCC (21774-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).