

For Research Use Only

CACNA1G Polyclonal antibody

Catalog Number: 17821-1-AP **3 Publications**



Basic Information

Catalog Number: 17821-1-AP	GenBank Accession Number: BC110995	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 8913	Recommended Dilutions: IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: O43497	
Isotype: IgG	Full Name: calcium channel, voltage-dependent, T type, alpha 1G subunit	
Immunogen Catalog Number: AG12188	Calculated MW: 2261aa,250 kDa; 2377aa,263 kDa	

Applications

Tested Applications: IF, IHC, ELISA	Positive Controls: IHC : human cerebellum tissue, human heart tissue IF : mouse heart tissue,
Cited Applications: IF, IHC	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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
Heng Zhang	36199421	Oxid Med Cell Longev	IF
Susana Quesado Branco	35731905	J Perinat Med	IHC
Heng Zhang	37950730	Aging (Albany NY)	IF

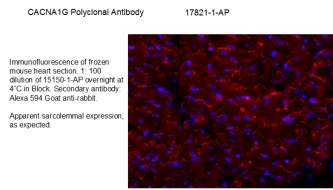
Storage

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

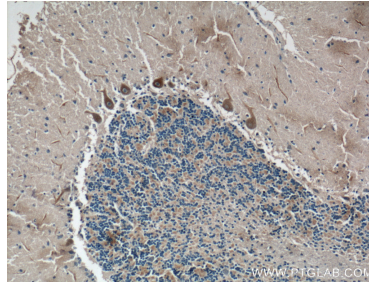
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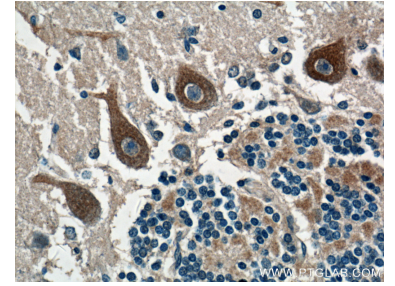
Selected Validation Data



IF result of anti-CACNA1G (17821-1-AP) in frozen mouse heart section by Dr Nicola Smart.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 17821-1-AP (CACNA1G Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 17821-1-AP (CACNA1G Antibody) at dilution of 1:100 (under 40x lens).