

For Research Use Only

# PCP2 Polyclonal antibody

Catalog Number: 13774-1-AP



## Basic Information

<b>Catalog Number:</b> 13774-1-AP	<b>GenBank Accession Number:</b> BC038715	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 126006	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> Purkinje cell protein 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 136 aa, 15 kDa	
<b>Immunogen Catalog Number:</b> AG4759		

## Applications

<b>Tested Applications:</b> IF, IHC, ELISA	<b>Positive Controls:</b> IHC : mouse cerebellum tissue, mouse eye tissue IF : mouse cerebellum tissue,
<b>Species Specificity:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Pcp2 is uniquely expressed in cerebellar Purkinje cells and in retinal bipolar neurons, and it may function as a cell-type specific modulator for G protein-mediated cell signaling.

## 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

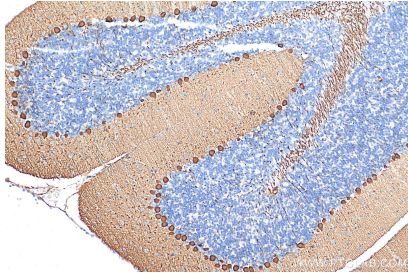
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

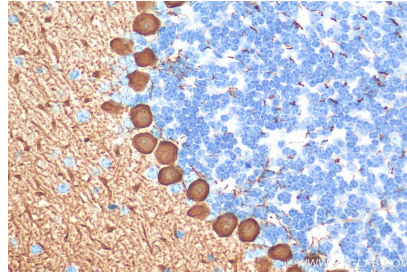
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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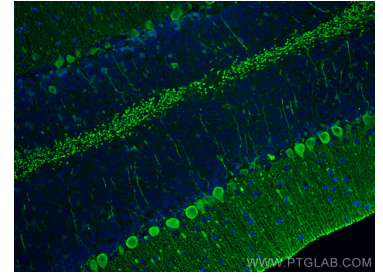
## Selected Validation Data



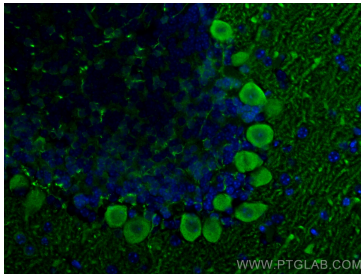
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 13774-1-AP (PCP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 13774-1-AP (PCP2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using PCP2 antibody (13774-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using PCP2 antibody (13774-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).