

Datasheet for ABIN1882110
anti-Pcp2 antibody (N-Term)[Go to Product page](#)

1 Image

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Overview

Quantity:	400 µL
Target:	Pcp2 (PCP2)
Binding Specificity:	AA 13-41, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pcp2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Mouse Pcp2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-41 amino acids from the N-terminal region of mouse Pcp2.
Clone:	RB7194
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Pcp2 (PCP2)
Alternative Name:	Pcp2 (PCP2 Products)

Target Details

Background:	Pcp2 may function as a cell-type specific modulator for G protein-mediated cell signaling. This protein exhibits tissue specificity for cerebellum (Purkinje cells) and retinal bipolar neurons.
Molecular Weight:	13054
NCBI Accession:	NP_001123276 , NP_032816
UniProt:	P12660

Application Details

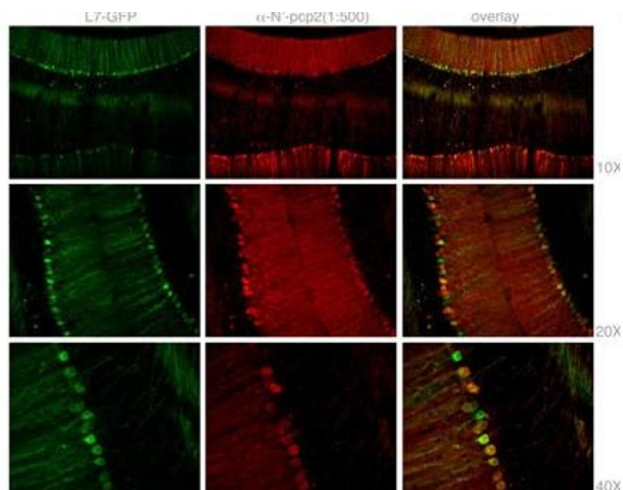
Application Notes:	IHC-P: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

Publications

Product cited in:	Mishra, Chandravanshi, Trigun, Krishnamurthy: "Ambroxol modulates 6-Hydroxydopamine-induced temporal reduction in Glucocerebrosidase (GCase) enzymatic activity and Parkinson's disease symptoms." in: Biochemical pharmacology , Vol. 155, pp. 479-493, (2019) (PubMed).
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Staining with Mouse Pcp2 Antibody (N-term) (ABIN1882110 and ABIN2840757) was colocalized with GFP in most of the Purkinje cells with low background in 1:500 dilution condition. Intensity of PCP2 staining was not necessarily corresponded to the intensity of GFP, and there are a few GFP positive, not stained with pcp2 antibody, cells (see middle and low panel). In dendrites and axons of Purkinje cells, most of fibers stained with PCP-2 antibodies were colocalized with GFP.