

Datasheet for ABIN1882111
anti-Pcp2 antibody (C-Term)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	Pcp2 (PCP2)
Binding Specificity:	AA 91-120, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
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 91-120 amino acids from the C-terminal region of mouse Pcp2.
Clone:	RB7196
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)
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.

Target Details

Molecular Weight:	13054
NCBI Accession:	NP_001123276 , NP_032816
UniProt:	P12660

Application Details

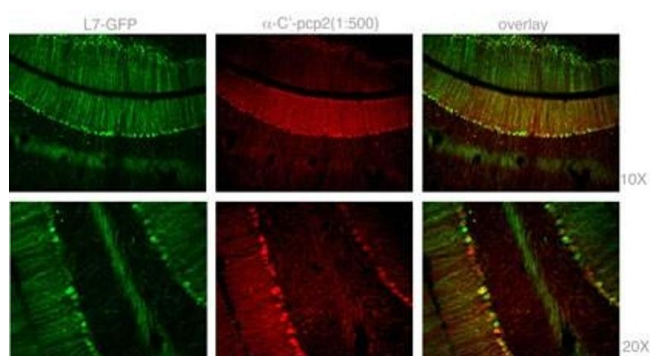
Application Notes:	IHC-P: 1:500
Restrictions:	For Research Use only

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:	<p>Zampagni, Cascella, Casamenti, Grossi, Evangelisti, Wright, Becatti, Liguri, Mannini, Campioni, Chiti, Cecchi: "A comparison of the biochemical modifications caused by toxic and non-toxic protein oligomers in cells." in: Journal of cellular and molecular medicine, Vol. 15, Issue 10, pp. 2106-16, (2011) (PubMed).</p> <p>Liao, Lasbury, Wang, Zhang, Durant, Murakami, Matsufuji, Lee: "Pneumocystis mediates overexpression of antizyme inhibitor resulting in increased polyamine levels and apoptosis in alveolar macrophages." in: The Journal of biological chemistry, Vol. 284, Issue 12, pp. 8174-84, (2009) (PubMed).</p>
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Staining with Mouse Pcp2 Antibody (C-term) (ABIN1882111 and ABIN2840758) 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. In dendrites and axons of Purkinje cells, most of fibers stained with PCP-2 antibodies were colocalized with GFP.