

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000,
IHC:1:5-1:20

Protein Background:

PCP-4 (Purkinje cell protein 4), also known as PEP-19, is a calmodulin (CaM) regulatory protein that is highly expressed in neuronal cells. Through its IQ motif, PCP-4 mediates both the calcium-dependent binding properties of CaM and the rates of association and dissociation of calcium from the C-terminal domain of CaM. The IQ motif contains a serine residue which can be phosphorylated by all isoforms of protein kinase C (PKC). PCP-4 is implicated in uterine leiomyomas, as well as in neurodegenerative disorders such as Alzheimer's disease and Huntington's disease. Additionally, overexpression of PCP-4 is thought to play a role in cerebellar hypoplasia, a key feature of Down syndrome.

Gene ID:

PCP4

Uniprot

P48539

Synonyms:

purkinje cell protein 4

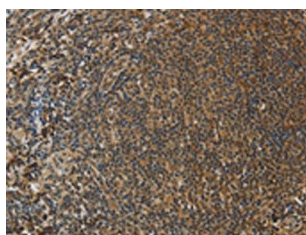
Immunogen:

Fusion protein of human PCP4.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

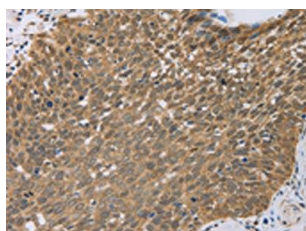
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using PACO13790(PCP4 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 12%SDS-PAGE, Lysate: 40 μ g, Lane: Mouse brain tissue, Primary antibody: PACO13790(PCP4 Antibody) at dilution 1/1000, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO13790(PCP4 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x—200).