

Rabbit anti-Human, Mouse PCP4 Polyclonal Antibody | anti-PCP4 antibody

PCP4 Antibody

CATALOG # AAA306076	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PCP4; Polyclonal Antibody; PCP4 Antibody; PEP-19; anti-PCP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PCP4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.3 mg/ml (varies by lot)
Sequence Length	62
Applicable Applications for anti-PCP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human purkinje cell protein 4
Target Name	PCP4
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/50.



Application Data

Gel: 12%SDS-PAGE Lysates (from left to right): Mouse brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/1000 dilution Secondary antibody dilution: 1/8000 Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-PCP4 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762918
NCBI GeneID	5121
NCBI Accession #	NP_006189.2
NCBI GenBank Nucleotide #	NM_006198.2
UniProt Accession #	P48539; Q6ICS4; Q93059; A6NDJ9
Molecular Weight	6,791 Da
NCBI Official Full Name	Purkinje cell protein 4
NCBI Official Synonym Full Names	Purkinje cell protein 4
NCBI Official Symbol	PCP4
NCBI Official Synonym Symbols	PEP-19
NCBI Protein Information	Purkinje cell protein 4
UniProt Protein Name	Purkinje cell protein 4
UniProt Gene Name	PCP4
UniProt Synonym Gene Names	PEP19
UniProt Entry Name	PCP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcp4-antibody-immunohistochemistry-western-blot-elisa/306076>