

PDPN polyclonal antibody

Catalog # PAB16251 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of PDPN.
Immunogen	A synthetic peptide corresponding to amino acids at internal region human PDPN.
Sequence	C-EKVDGDTQTTVEKD
Host	Goat
Theoretical MW (kDa)	24.9, 24.7, 12.4, 12
Reactivity	Human
Specificity	This antibody is expected to recognize all isoforms (NP_006465.3; NP_938203.2; NP_001006625.1; NP_001006626.1).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:1000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PDPN

Entrez GeneID [10630](#)

Protein Accession# [NP_006465.3;NP_938203.2;NP_001006625.1;NP_001006626.1](#)

Gene Name PDPN

Gene Alias AGGRUS, GP36, GP40, Gp38, HT1A-1, OTS8, PA2.26, T1A, T1A-2

Gene Description podoplanin

Omim ID [608863](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations OTTHUMP00000009640|OTTHUMP00000044504|glycoprotein, 36-KD|hT1alpha-1|hT1alpha-2|lung type I cell membrane associated glycoprotein|lung type-I cell membrane-associated glycoprotein|lung type-I cell membrane-associated glycoprotein (T1A-2)

Publication Reference

- [Brachyury, SOX-9, and podoplanin, new markers in the skull base chordoma vs chondrosarcoma differential: a tissue microarray-based comparative analysis.](#)

Oakley GJ, Fuhrer K, Seethala RR.

Modern Pathology 2008 Dec; 21(12):1461.

Application: IHC-P, Human, Human chordoma, rhabdoid chordoma

Disease

- [Genetic Predisposition to Disease](#)
- [Lymphedema](#)

- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)