Goat anti-PDPN Antibody

Item Number	dAP-1864
Target Molecule	Principle Name: PDPN; Official Symbol: PDPN; All Names and Symbols: PDPN; podoplanin; AGGRUS; GP36; GP40; Gp38; HT1A-1; OTS8; PA2.26; T1A; T1A-2; OTTHUMP00000009640; OT-THUMP00000044504; glycoprotein, 36-KD; hT1alpha-1; hT1alpha-2; lung type I cell membrane associated glycoprotein; lung type-I cell membrane-associated glyc; Accession Number (s): NP_006465.3; NP_938203.2; NP_001006625.1; NP_001006626.1; Human Gene ID(s): 10630; Non-Human GeneID(s):
Immunogen	EKVDGDTQTTVEKD, is from internal region This antibody is expected to recognize all isoforms (NP_006465.3; NP_938203.2; NP_001006625.1; NP_001006626.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	Western Blot: Experiments gave bands at approx 25kDa and 37kDa in Human Brain (Cerebellum) lysates after 1μg/ml antibody staining. The 37kDa band corresponds to earlier findings in literature with different antibodies (Boucherot et al, Nephrol Dial Trans
IHC	
Reference	Reference(s): Oakley GJ, Fuhrer K, Seethala RR, Brachyury, SOX-9, and podoplanin, new markers in the skull base chordoma vs chondrosarcoma differential: a tissue microarray-based comparative analysis. Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc 2008 Dec

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only