

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09456 - Goat Anti-PDPN Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PDPN, podoplanin, AGGRUS, GP36, GP40, Gp38, HT1A-1, OTS8, PA2.26, T1A, T1A-2, OTTHUMP0000009640, OTTHUMP00000044504, glycoprotein, 36-KD, hT1alpha-1, hT1alpha-2, lung type I cell membrane associated glycoprotein, lung type-I cell membrane-associated glycoprotein (T1A-2)

Official Symbol: PDPN

Accession Number(s): NP_006465.3; NP_938203.2; NP_001006625.1;

NP_001006626.1

Human GenelD(s): 10630

Important Comments: This antibody is expected to recognize all isoforms (NP_006465.3; NP_938203.2; NP_001006625.1; NP_001006626.1).

Immunogen

Peptide with sequence C-EKVDGDTQTTVEKD, from the internal region of the protein sequence according to NP_006465.3; NP_938203.2; NP_001006625.1; NP_001006626.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

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 Transplant. 2002 Jun;17(6):978-84; PMID: 12032185). This protein has a calculated MW of 24.9kDa according to NP_006465.3. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog



EB09456 ($1\mu g/ml$) staining of Human Cerebellum lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.