

## UK Office

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**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, 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 GeneID(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

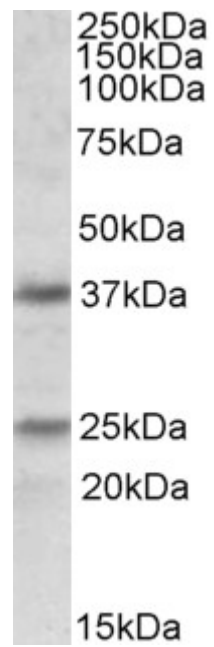
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**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.