

#### **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

**Enquiries:** 

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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# EB10466 - Goat Anti-PTCHD1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: FLJ30296, MGC149798, patched domain containing 1, PTCHD1

Official Symbol: PTCHD1

Accession Number(s): NP\_775766.2

Human GenelD(s): 139411

Non-Human GenelD(s): 211612 (mouse), 317517 (rat)

### **Immunogen**

Peptide with sequence C-DFQKTSRVSER, from the internal region of the protein sequence according to NP\_775766.2.

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**

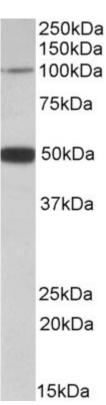
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 100kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 101kDa according to NP\_775766.2). Recommended concentration: 0.5-2µg/ml. An additional band of unknown identity was also consistently observed at 50kDa. This band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB10466 (0.5 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.