

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06499 - Goat Anti-PTPRT Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PTPRT, RPTPrho, KIAA0283, protein tyrosine phosphatase, receptor type, T, receptor protein tyrosine phosphatase, RP5-1121H13.2

**Official Symbol:** PTPRT

**Accession Number(s):** NP\_573400.2; NP\_008981.3

**Human GeneID(s):** [11122](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms. Epitope corresponding to aa 58-69 of human PTPRT protein.

### Immunogen

Peptide with sequence CNTWEKPMLDQAV, from the internal region of the protein sequence according to NP\_573400.2; NP\_008981.3.

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 1:32000.

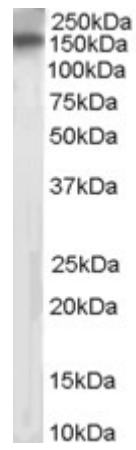
**Western blot:** Approx 150kDa band observed in Human Brain lysates (calculated MW of 164kDa according to NP\_573400.2 and 163kDa according to NP\_008981.3).

Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse



EB06499 staining (0.3 $\mu$ g/ml) of Human Brain lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.