

## International Office

### Everest Biotech Ltd

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

## EB08424 - Goat Anti-IA2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IA-2, protein tyrosine phosphatase, receptor type, N, FLJ16131, IA-2/PTP, IA2, ICA512, R-PTP-N, islet antigen 2, islet cell antigen 512, islet cell autoantigen 3, protein tyrosine phosphatase-like N

**Official Symbol:** PTPRN

**Accession Number(s):** NP\_002837.1

**Human GeneID(s):** [5798](#)

**Non-Human GeneID(s):** 19275 (mouse), 116660 (rat)

### Immunogen

Peptide with sequence C-QGEGNIKKNRHPD, from the internal region of the protein sequence according to NP\_002837.1.

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 1:16000.

**Western blot:** Approx 110kDa band observed in lysates of cell line NIH 3T3 (calculated MW of 106kDa according to Human NP\_002837.1 and Mouse NP\_033011.2).

Recommended concentration: 0.5-1.5µg/ml.

### Species Reactivity

**Tested:** Mouse

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



EB08424 (0.5µg/ml) staining of NIH 3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.