

## UK Office

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

## EB05243 - Goat Anti-PTP4A1 / PRL-1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PTP4A1, PRL-1, protein tyrosine phosphatase type IVA, member 1, HH72, PRL1, PTP4A2, PTPCAAX1, PTP(CAAX1), Protein tyrosine phosphatase IVA1, RP5-1148A21.2, DKFZp779M0721, protein tyrosine phosphatase type IVA protein 1

**Official Symbol:** PTP4A1

**Accession Number(s):** NP\_003454.1

**Human GeneID(s):** [7803](#)

### Immunogen

Peptide with sequence KDSNGHRNNCCIQ, from the C Terminus of the protein sequence according to NP\_003454.1.

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 1:2000.

**Western blot:** Approx 21kDa band observed in lysates of cell lines A549 and HeLa (calculated MW of 19.8kDa according to NP\_003454.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB05243 (1 $\mu$ g/ml) staining of A549 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.