

#### **International Office**

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# 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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB05243 (1μg/ml) staining of A549 lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.