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

EB06456 - Goat Anti-PRL1 / PTP4A1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PTP4A1, HH72, PRL1, PRL-1, PTPCAAX1, PTP(CAAX1), protein tyrosine phosphatase type IVA, member 1, 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 CFKDSNGHRNN, 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 1:64000.

Western blot: This antibody has been successfully used in Western Blot as described in the following paper: Min SH et al, Oncogene. 2009 Jan 29;28(4):545-54. PMID: 18997816

Species Reactivity

Tested: Human

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

Specific References

This antibody has been successfully used in the following paper:

Min SH, Kim DM, Heo YS, Kim YI, Kim HM, Kim J, Han YM, Kim IC, Yoo OJ.
New p53 target, phosphatase of regenerating liver 1 (PRL-1) downregulates p53.
Oncogene. 2009 Jan 29;28(4):545-54.
PMID: 18997816

This antibody has been successfully used in the following paper:

Achiwa H, Lazo JS.
PRL-1 tyrosine phosphatase regulates c-Src levels, adherence, and invasion in human lung cancer cells.
Cancer Res. 2007 Jan 15;67(2):643-50.
PMID: 17234774