

Goat anti-PTP4A1 / PRL-1 Antibody

Item Number	dAP-0036
Target Molecule	Principle Name: PTP4A1 / PRL-1; Official Symbol: PTP4A1; All Names and Symbols: 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; Accession Number (s): NP_003454.1; Human Gene ID(s): 7803; Non-Human GeneID(s):
Immunogen	KDSNGHRNNCCIQ, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	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.
IHC	
Reference	Reference(s): Peng Y, Genin A, Spinner NB, Diamond RH, Taub R. The gene encoding human nuclear protein tyrosine phosphatase, PRL-1. Cloning, chromosomal localization, and identification of an intron enhancer. J Biol Chem 1998 Jul 3;273(27):17286-95.PMID: 9642300->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**