

## Goat anti-PTPRT Antibody

Item Number	dAP-0540
Target Molecule	Principle Name: PTPRT; Official Symbol: PTPRT; All Names and Symbols: PTPRT; RPTPrho; KIAA0283; protein tyrosine phosphatase, receptor type, T; receptor protein tyrosine phosphatase; RP5-1121H13.2; Accession Number (s): NP_573400.2; NP_008981.3; Human Gene ID(s): 11122; Non-Human GenID(s):
Immunogen	CNTWEKPMQMLDQAV, is from internal region This antibody is expected to recognise both reported isoforms. Epitope corresponding to aa 58-69 of human PTPRT protein.
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 32000.
Western Blot	Western Blot: Approx 150kDa band observed in Human Brain lysates (calculated MW of 164kDa according to NP_573400.2 and 163kDa according to NP_008981.3). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Wang Z, Shen D, Parsons DW, Bardelli A, Sager J, Szabo S, Ptak J, Silliman N, Peters BA, van der Heijden MS, Parmigiani G, Yan H, Wang TL, Riggins G, Powell SM, Willson JK, Markowitz S, Kinzler KW, Vogelstein B, Velculescu VE. Mutational analysis of the tyrosine phosphatome in colorectal

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 end users! This product is sold for **Research Use Only**