



PTPRT Antibody

CATALOG NUMBER: 46-253



Western Blot staining (0.3ug/ml) of Human Brain lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. 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: 0.3-1ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1303 - Human Brain Tissue Lysate
SPECIFICITY:	This antibody is expected to recognise both reported isoforms. Epitope corresponding to aa 58-69 of human PTPRT protein.
IMMUNOGEN:	PTPRT antibody was raised against a 13 amino acid synthetic peptide near the internal region of PTPRT.
HOST SPECIES:	Goat

Properties

PURIFICATION:	PTPRT antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	PTPRT antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	PTPRT, RPTPrho, KIAA0283, protein tyrosine phosphatase, receptor type, T, receptor protein tyrosine phosphatase
ACCESSION NO.:	NP_573400.2, NP_008981.3

PROTEIN GI NO.: 48762922

OFFICIAL SYMBOL: PTPRT

GENE ID: 11122

Background

REFERENCES: 1) 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 cancers. Science. 2004 May 21;304(5674):1164-6.

FOR RESEARCH USE ONLY

December 13, 2016