

Rabbit PTPRR Polyclonal Antibody | anti-PTPRR antibody

PTPRR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328709	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus	Western Blot

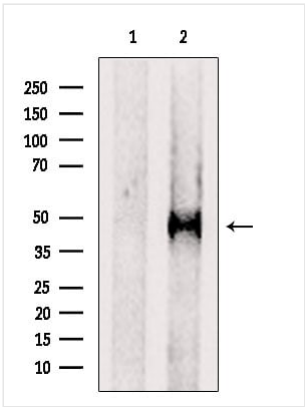
PRODUCT SYNONYMS

PTPRR; Polyclonal Antibody; PTPRR Antibody; Ch-1PTPase; Ch1 PTPase; DKFZp781C1038; EC PTP; ECPTP; FLJ34328; MGC131968; MGC148170; NC PTPCOM1; NC-PTPCOM1; Protein tyrosine phosphatase Cr1PTPase precursor; Protein tyrosine phosphatase NC PTPCOM1; Protein tyrosine phosphatase PCPTP1; Protein tyrosine phosphatase receptor type R; Protein-tyrosine phosphatase PCPTP1; PTP SL; PTPBR7; PTPRQ; PTPRR_HUMAN; PTPSL; R-PTP-R; Receptor type tyrosine protein phosphatase R; Receptor-type tyrosine-protein phosphatase R; anti-PTPRR antibody

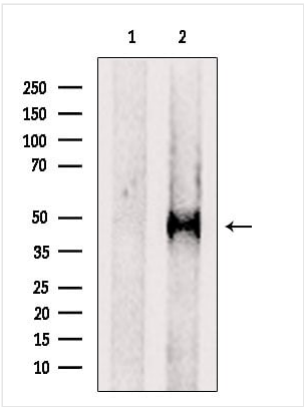
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	PTPRR Antibody detects endogenous levels of PTPRR.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for anti-PTPRR antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human PTPRR.
Tissue Specificity	Expressed in brain, placenta, small intestine, stomach, uterus and weakly in the prostate. Isoform alpha has been observed only in the brain. Isoform gamma is expressed in brain, placenta and uterus. Isoform delta is expressed in brain, kidney, placenta, prostate, small intestine and uterus.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Rat kidney, using PTPRR Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using PTPRR Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRR antibody	Description: Sequesters mitogen-activated protein kinases (MAPKs) such as MAPK1, MAPK3 and MAPK14 in the cytoplasm in an inactive form. The MAPKs bind to a dephosphorylated kinase interacting motif, phosphorylation of which by the protein kinase A complex releases the MAPKs for activation and translocation into the nucleus (By similarity).
	Subunit Structure: Interacts with MAPKs.
	Similarity: Belongs to the protein-tyrosine phosphatase family. Receptor class 7 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116063507
NCBI GeneID	5801
UniProt Accession #	Q15256
Molecular Weight	Observed: 47 kDa Predicted: 74 kDa
NCBI Official Full Name	PTPRR protein
NCBI Official Synonym Full Names	protein tyrosine phosphatase receptor type R
NCBI Official Symbol	PTPRR
NCBI Official Synonym Symbols	PTPRQ; EC-PTP; PCPTP1; PTP-SL; PTPBR7
NCBI Protein Information	receptor-type tyrosine-protein phosphatase R
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase R
UniProt Gene Name	PTPRR
UniProt Synonym Gene Names	ECPTP; PTPRQ; R-PTP-R
UniProt Entry Name	PTPRR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.