

PTPRR rabbit pAb

Catalog No :	YT8095
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	PTPRR
Gene Name :	PTPRR ECPTP PTPRQ
Protein Name :	Receptor-type tyrosine-protein phosphatase R (R-PTP-R) (EC 3.1.3.48) (Ch-1PTPase) (NC-PTPCOM1) (Protein-tyrosine phosphatase PCPTP1)
Human Gene Id :	5801
Human Swiss Prot No :	Q15256
Mouse Gene Id :	19279
Mouse Swiss Prot No :	Q62132
Rat Gene Id :	94202
Rat Swiss Prot No :	O08617
Immunogen :	Synthesized peptide derived from human N-terminal PTPRR
Specificity :	This antibody detects endogenous levels of PTPRR at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 72kD

Function : 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).

Subcellular Location : [Isoform Alpha]: Cell membrane; Single-pass type I membrane protein.; [Isoform Delta]: Cytoplasm, perinuclear region. Locates to the perinuclear areas within the cytoplasm.; [Isoform Gamma]: Cytoplasm, perinuclear region. Locates to the perinuclear areas within the cytoplasm.

Expression : 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.

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