

## PTPRR rabbit pAb

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

**Concentration :** 1 mg/ml

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

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**Molecularweight :** 72kD

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**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).

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**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.

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**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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