

PTPRR Rabbit pAb

CatalogNo: YT8095

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, WB

MW

- 72kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-200

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human N-terminal PTPRR

Specificity This antibody detects endogenous levels of PTPRR at Human, Mouse, Rat

Target Information

Gene name PTPRR ECPTP PTPRQ

Protein Name	Receptor-type tyrosine-protein phosphatase R (R-PTP-R) (Ch-1PTPase) (NC-PTPCOM1) (Protein-tyrosine phosphatase PCPTP1)		
	Organism	Gene ID	UniProt ID
	Human	5801 ;	Q15256 ;
	Mouse	19279 ;	Q62132 ;
	Rat	94202 ;	O08617 ;
Cellular Localization	[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.		
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.		
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).		

| Validation Data

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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