

Anti-PTPRR Rabbit Monoclonal Antibody

Catalog # ABO16463

Product Information

Application	WB, IHC
Primary Accession	Q15256
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-PTPRR Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	5801
Other Names	Receptor-type tyrosine-protein phosphatase R, R-PTP-R, 3.1.3.48, Ch-1PTPase, NC-PTPCOM1, Protein-tyrosine phosphatase PCPTP1, PTPRR, ECPTP, PTPRQ
Calculated MW	73834
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 29P99
Immunogen	A synthesized peptide derived from human PTPRR
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	PTPRR
Synonyms	ECPTP, PTPRQ
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).

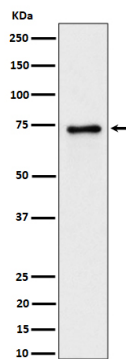
Cellular Location

Secreted. [Isoform Delta]: Cytoplasm, perinuclear region. Note=Locates to the perinuclear areas within the cytoplasm

Tissue Location

Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). 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

Images



Western blot analysis of PTPRR expression in mouse brain lysate.

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