

PCPTP1 Rabbit mAb

Catalog # AP75877

Product Information

Application	WB
Primary Accession	Q15256
Reactivity	Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	73834

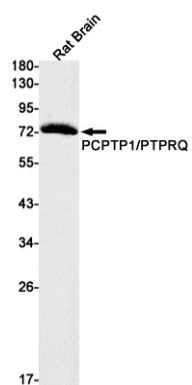
Additional Information

Gene ID	5801
Other Names	PTPRR
Dilution	WB~~1/500-1/1000
Format	Liquid

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



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