

Product Name: PTPRR (17O4) Rabbit Monoclonal Antibody
Catalog #: AMRe16678

Summary

Production Name	PTPRR (17O4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	PTPRR
Alternative Names	ECPTP; NC PTPCOM1; PTPBR7; PTPRQ; PTPRR; PTPSL; Receptor type tyrosine protein phosphatase R;
Gene ID	5801.0
SwissProt ID	Q15256.A synthetic peptide of human PCPTP1

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	74kDa

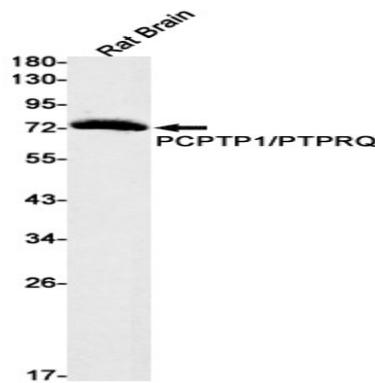
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Background

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. 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).

Research Area

Image Data



Western blot detection of PCPTP1/PTPRQ in Rat Brain lysates using PCPTP1/PTPRQ antibody(1:1000 diluted).

Note

For research use only.