

Product Name: PCPTP1 Rabbit Monoclonal antibody**Catalog #: AMRe02408**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 74 kDa; Observed MW: 74 kDa

Antigen Information

Gene Name	PTPRR
Alternative Names	PTPRQ; EC-PTP; PCPTP1; PTP-SL; PTPBR7
Gene ID	5801
SwissProt ID	Q15256
Immunogen	A synthetic peptide of human PCPTP1

Background

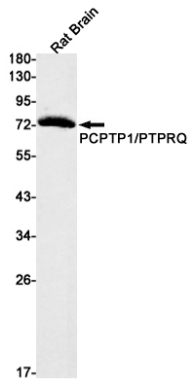
Sequesters mitogen-activated protein kinases (MAPKs) such as MAPK1, MAPK3 and MAPK14 in the cytoplasm in an inactive form. The MAPKs bind to a dephosphorylated kinase interacting motif, phosphorylation of which by the protein kinase A

complex releases the MAPKs for activation and translocation into the nucleus .

Research Area

Signal Transduction

Image Data



Western blot analysis of PCPTP1/PTPRQ in rat Brain lysates using PCPTP1 antibody.