

PCPTP1 Rabbit mAb
Catalog # AP75877**Specification**

PCPTP1 Rabbit mAb - Product Information

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

PCPTP1 Rabbit mAb - Additional Information**Gene ID** 5801**Other Names**
PTPRR**Dilution**
WB~~1/500-1/1000**Format**
Liquid**PCPTP1 Rabbit mAb - 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

PCPTP1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PCPTP1 Rabbit mAb - Images

