

PTPRR Antibody (aa249-265)
Rabbit Polyclonal Antibody
Catalog # ALS11599**Specification**

PTPRR Antibody (aa249-265) - Product Information

Application	IHC
Primary Accession	Q15256
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74kDa KDa

PTPRR Antibody (aa249-265) - 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

Target/Specificity

Amino acids 249 to 265 of human PTPRR

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

PTPRR Antibody (aa249-265) is for research use only and not for use in diagnostic or therapeutic procedures.

PTPRR Antibody (aa249-265) - 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

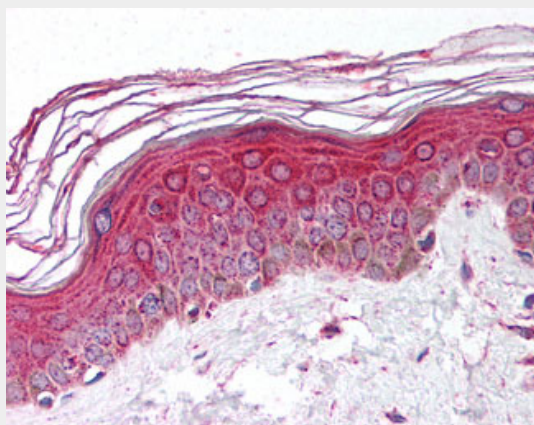
Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). Expressed in brain, placenta, small intestine, stomach, uterus and weakly in the prostate. Isoform alpha has been observed only in the brain. Isoform gamma is expressed in brain, placenta and uterus. Isoform delta is expressed in brain, kidney, placenta, prostate, small intestine and uterus

PTPRR Antibody (aa249-265) - 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](#)

PTPRR Antibody (aa249-265) - Images



Anti-PTPRR antibody IHC of human skin.

PTPRR Antibody (aa249-265) - Background

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PTPRR Antibody (aa249-265) - References

Shiozuka K., et al. Gene 162:279-284(1995).
Augustine K.A., et al. Anat. Rec. 258:221-234(2000).
Bektas A., et al. Diabetes 50:204-208(2001).
Knyazev P., et al. Submitted (SEP-1996) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).