

PTPRA / RPTP-Alpha Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10877**Specification**

PTPRA / RPTP-Alpha Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	P18433
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	91kDa KDa
Dilution	IHC-P~~N/A

PTPRA / RPTP-Alpha Antibody (Extracellular Domain) - Additional Information**Gene ID** 5786**Other Names**

Receptor-type tyrosine-protein phosphatase alpha, Protein-tyrosine phosphatase alpha, R-PTP-alpha, 3.1.3.48, PTPRA, PTPA, PTPRL2

Target/Specificity

Human PTPRA. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except HLA-S (59%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

PTPRA / RPTP-Alpha Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

PTPRA / RPTP-Alpha Antibody (Extracellular Domain) - Protein Information**Name** PTPRA**Synonyms** PTPA, PTPRL2**Function**

Tyrosine protein phosphatase which is involved in integrin- mediated focal adhesion formation (By similarity). Following integrin engagement, specifically recruits BCAR3, BCAR1 and CRK to focal adhesions thereby promoting SRC-mediated phosphorylation of BRAC1 and the subsequent activation of PAK and small GTPase RAC1 and CDC42 (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell junction, focal adhesion {ECO:0000250|UniProtKB:P18052}. Note=Localizes to focal adhesion sites following integrin

engagement. {ECO:0000250|UniProtKB:P18052}

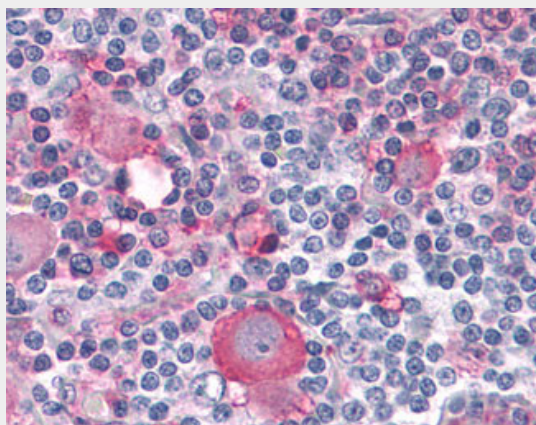
Volume

50 µl

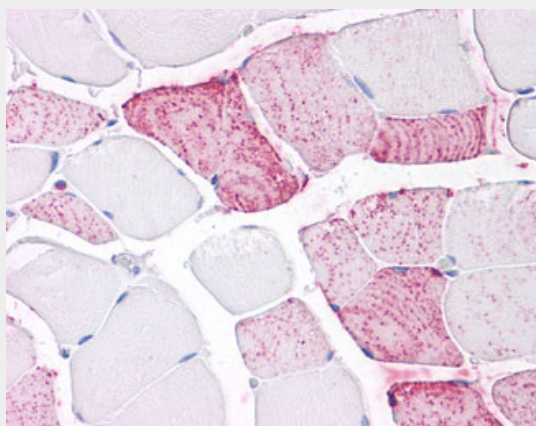
PTPRA / RTP-Alpha Antibody (Extracellular Domain) - Protocols

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](#)

PTPRA / RTP-Alpha Antibody (Extracellular Domain) - Images

Anti-PTPRA / RTP-Alpha antibody IHC of human Skin, Melanoma.



Anti-PTPRA antibody IHC of human skeletal muscle.

PTPRA / RTP-Alpha Antibody (Extracellular Domain) - References

Sap J., et al. Proc. Natl. Acad. Sci. U.S.A. 87:6112-6116(1990).

Kaplan R.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:7000-7004(1990).
Krueger N.X.,et al.EMBO J. 9:3241-3252(1990).
Ohagi S.,et al.Nucleic Acids Res. 18:7159-7159(1990).
Jirik F.R.,et al.FEBS Lett. 273:239-242(1990).