
Product Name: CD148 Rabbit Polyclonal Antibody**Catalog #: APRab08216**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	150kDa

Antigen Information

Gene Name	PTPRJ PTPRJ; DEP1; Receptor-type tyrosine-protein phosphatase eta; Protein-tyrosine
Alternative Names	phosphatase eta; R-PTP-eta; Density-enhanced phosphatase 1; DEP-1; HPTP eta; Protein-tyrosine phosphatase receptor type J; R-PTP-J; CD148
Gene ID	5795.0
SwissProt ID	Q12913
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human PTPRJ. AA range:861-910

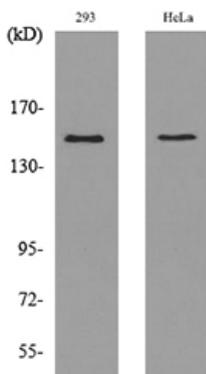
Background

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes, including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region containing five fibronectin type III repeats, a single transmembrane region, and a single intracytoplasmic catalytic domain, and thus represents a receptor-type PTP. This protein is present in all hematopoietic lineages, and was shown to negatively regulate T cell receptor signaling possibly through interfering with the phosphorylation of Phospholipase C Gamma 1 and Linker for Activation of T Cells. This protein can also dephosphorylate the PDGF beta receptor, and may be involved in UV-induced signal transduction. Multiple transcript variants encoding different isoforms catalytic activity: Protein tyrosine phosphate + H₂O = protein tyrosine + phosphate., disease: Defects in PTPRJ are found in cancers of colon, lung, and breast., function: May contribute to the mechanism of contact inhibition of cell growth., PTM: N- and O-glycosylated., similarity: Belongs to the protein-tyrosine phosphatase family. Receptor class 3 subfamily., similarity: Contains 1 tyrosine-protein phosphatase domain., similarity: Contains 9 fibronectin type-III domains.,

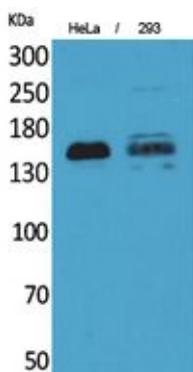
Research Area

Adherens_Junction;

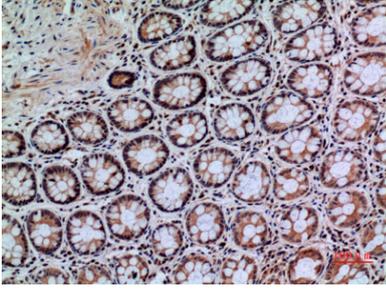
Image Data



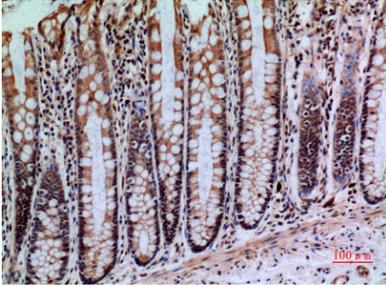
Western blot analysis of lysate from 293, HeLa cells, using PTPRJ Antibody.



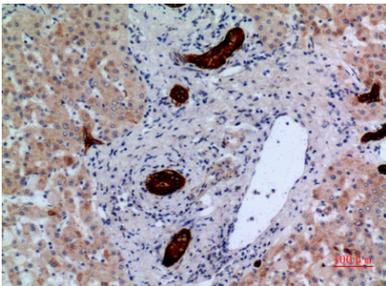
Western Blot analysis of HeLa, 293 cells using CD148 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000.



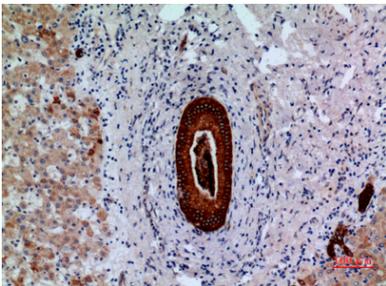
Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100