

产品名称: CD148 Rabbit Polyclonal Antibody
产品货号: APRab08216



产品概述 (Summary)

产品名称 (Production Name)	CD148 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

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

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	150kDa

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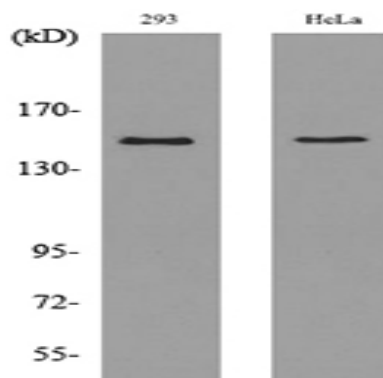
研究背景 (Background)

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.,

研究领域 (Research Area)

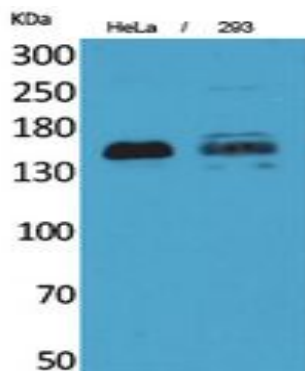
Adherens_Junction;

图片 (Image Data)

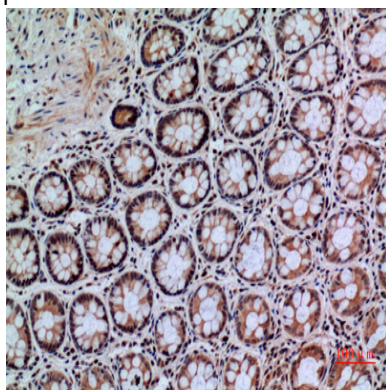


Western blot analysis of lysate from 293, HeLa cells, using PTPRJ Antibody.

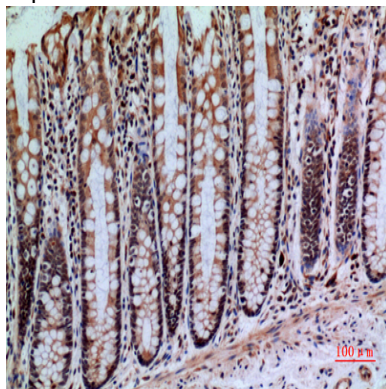
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Western Blot analysis of HeLa, 293 cells using CD148 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

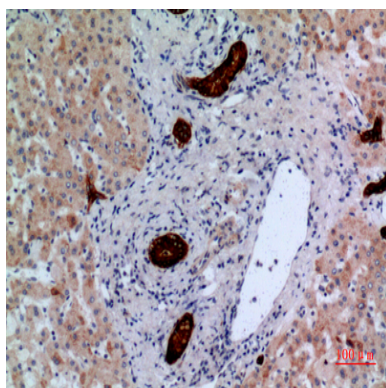


Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100

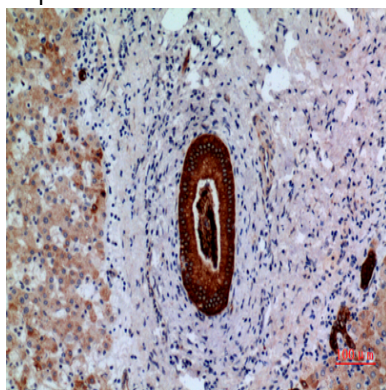


Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100

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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

注意事项 (Note)

For research use only .