

产品名称: PTP ζ Rabbit Polyclonal Antibody
产品货号: AP Rab16684



产品概述 (Summary)

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

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)	PTPRZ1 PTPRZ1; HTPZP2; PTPRZ; PTPRZ2; PTPZ; Receptor-type tyrosine-protein phosphatase zeta; R-PTP-zeta; Protein-tyrosine phosphatase receptor type Z polypeptide 1; Protein-tyrosine phosphatase receptor type Z polypeptide 2; R-PTP-zeta-2
别名 (Alternative Names)	
基因 ID (Gene ID)	5803.0
蛋白 ID (SwissProt ID)	P23471.The antiserum was produced against synthesized peptide derived from human PTPRZ1. AA range:122-171

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
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蛋白分子量 (Molecular Weight) 250kDa

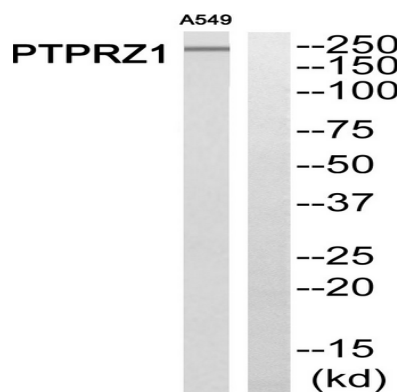
研究背景 (Background)

This gene encodes a member of the receptor protein tyrosine phosphatase family. Expression of this gene is restricted to the central nervous system (CNS), and it may be involved in the regulation of specific developmental processes in the CNS. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011], catalytic activity: Protein tyrosine phosphate + H₂O = protein tyrosine + phosphate., caution: PubMed:8387522 and PubMed:2170109 have termed this protein RPTase beta., function: May be involved in the regulation of specific developmental processes in the CNS., sequence caution: Contaminating sequence. The N-terminus may be contaminated with vector sequence., similarity: Belongs to the protein-tyrosine phosphatase family. Receptor class 5 subfamily., similarity: Contains 1 alpha-carbonic anhydrase domain., similarity: Contains 1 fibronectin type-III domain., similarity: Contains 2 tyrosine-protein phosphatase domains., subunit: The carbonic-anhydrase like domain binds to contactin., tissue specificity: Specifically expressed in the central nervous system, where it is localized in the Purkinje cell layer of the cerebellum, the dentate gyrus, and the subependymal layer of the anterior horn of the lateral ventricle. Developmentally regulated in the brain.,

研究领域 (Research Area)

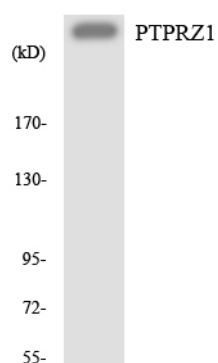
Epithelial cell signaling in Helicobacter pylori infection;

图片 (Image Data)

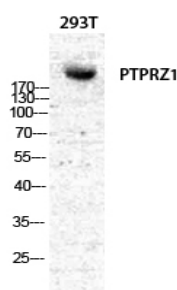


Western blot analysis of PTPRZ1 Antibody. The lane on the right is blocked with the PTPRZ1 peptide.

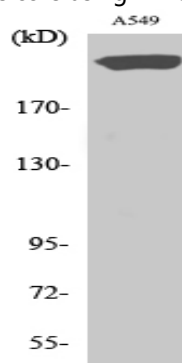
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Western blot analysis of the lysates from HeLa cells using PTPRZ1 antibody.



Western Blot analysis of various cells using PTP ζ Polyclonal Antibody diluted at 1: 500



Western Blot analysis of A549 cells using PTP ζ Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .