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# PTPN13 Rabbit pAb

货号: **AYP14067**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus <b>IF:</b> Mus musculus <b>IHC:</b> Mus musculus
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:100 <b>IF/ICC:</b> 1:50 - 1:100
理论分子量	255kDa/274kDa/276kDa/277kDa
实测分子量	310kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,A-549,U-87MG,Mouse kidney,Mouse lung,Mouse heart
细胞定位	Cell projection,Cytoplasm,Nucleus,cytoskeleton,lamellipodium
纯化	Affinity purification

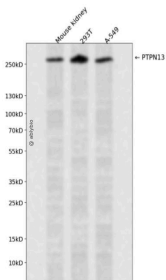
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 250-500 of human PTPN 13 (NP_542416.1).
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## 靶点信息

研究背景	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP is a large intracellular protein. It has a catalytic PTP domain at its C-terminus and two major structural domains: a region with five PDZ domains and a FERM domain that binds to plasma membrane and cytoskeletal elements. This PTP was found to interact with, and dephosphorylate, Fas receptor and I $\kappa$ B $\alpha$ through the PDZ domains. This suggests it has a role in Fas mediated programmed cell death. This PTP was also shown to interact with GTPase-activating protein, and thus may function as a regulator of Rho signaling pathways. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported.
基因ID	5783
基因名	PTPN13
Swiss	Q12923 ( <a href="https://www.uniprot.org/uniprotkb/Q12923/entry">https://www.uniprot.org/uniprotkb/Q12923/entry</a> )
别名	PTPN13,FAP-1,PNP1,PTP-BAS,PTP-BL,PTP1E,PTPL1,PTPLE,hPTP1E,PTPN13 Rabbit pAb,Fas-associated protein-tyrosine phosphatase 1,Protein-tyrosine phosphatase 1E,Protein-tyrosine phosphatase PTPL1

## 产品验证



Western blot analysis of PTPN13 expressed in Mouse kidney,293T,A-549 using PTPN13 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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