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# PTPRE Rabbit pAb

货号: **AYP16430**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	71kDa/74kDa/80kDa
实测分子量	81kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HL-60,SW620,Mouse brain,Mouse spleen,Mouse lung,Rat brain,Rat lung
细胞定位	Cell membrane,Cytoplasm,Cytoplasm,Single-pass type I membrane protein
纯化	Affinity purification

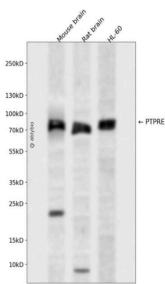
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 20-200 of human PTPRE (NP_006495.1).
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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 known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. Several alternatively spliced transcript variants of this gene have been reported, at least two of which encode a receptor-type PTP that possesses a short extracellular domain, a single transmembrane region, and two tandem intracytoplasmic catalytic domains; another one encodes a PTP that contains a distinct hydrophilic N-terminus, and thus represents a nonreceptor-type isoform of this PTP. Studies of the similar gene in mice suggested the regulatory roles of this PTP in RAS related signal transduction pathways, cytokine-induced STAT signaling, as well as the activation of voltage-gated K <sup>+</sup> channels.
基因ID	5791
基因名	PTPRE
Swiss	P23469 ( <a href="https://www.uniprot.org/uniprotkb/P23469/entry">https://www.uniprot.org/uniprotkb/P23469/entry</a> )
别名	PTPRE,HPTPE,PTPE,R-PTP-EPSILON,PTPRE Rabbit pAb

## 产品验证



Western blot analysis of PTPRE expressed in Mouse brain,Rat brain,HL-60 using PTPRE 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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