

PTPRN Rabbit pAb

货号: **AYP16745**

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	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100
理论分子量	96kDa/102kDa/105kDa
实测分子量	66kDa
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	293T,NIH/3T3,Raji,Mouse brain,Rat brain
细胞定位	Cell junction,Cell membrane,Cell projection,Cytoplasmic vesicle,Endosome,Membrane,Perikaryon,Single-pass type I membrane protein,axon,secretory vesicle membrane,synapse
纯化	Affinity purification

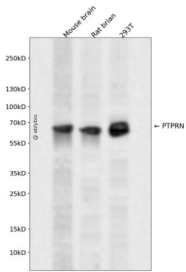
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 600-889 of human PTPRN (NP_001186693.1).
序列	STGHMILAYMEDHLRNRDRDLAKEWQALCAYQAEPTNCATAQEGEGNIKKNRHPDFLPYDHARIKLVKVESSPSRSDYINASPIIEHDPRMPAYIATQGPLSHTIADFWQMVWESGCTVIVMLTPLVEDGVKQCDRYWPDEGASLYHVYEVNLVSEHIWCEDFLVRSFYLNKVNQTQETRTLTFHFLSWPAEGTPASTRPLLDFFRRKVNKCYRGRSCPIIVHCSGDGAGRTGTYLIDMVLNRMAKGVKEIDIAATLEHVRDQRPLVRSKDQFEFALTAVAEVNAIKALPQ

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. This PTP possesses an extracellular region, a single transmembrane region, and a single catalytic domain, and thus represents a receptor-type PTP. This PTP was found to be an autoantigen that is reactive with insulin-dependent diabetes mellitus (IDDM) patient sera, and thus may be a potential target of autoimmunity in diabetes mellitus. Alternate splicing results in multiple transcript variants.
基因ID	5798
基因名	PTPRN
Swiss	Q16849
别名	PTPRN;IA-2;IA-2/PTP;IA2;ICA512;R-PTP-N

产品验证



Western blot analysis of PTPRN expressed in Mouse brain, Rat brain, 293T using PTPRN 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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