

PTPRN2 Rabbit pAb

货号: **AYP18806**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100 IF/ICC: 1:50 - 1:100
理论分子量	108kDa/109kDa/111kDa/114kDa
实测分子量	111kDa
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	SH-SY5Y,SGC-7901,Mouse pancreas,Rat pancreas
细胞定位	Cytoplasmic vesicle,Single-pass type I membrane protein,secretory vesicle,secretory vesicle membrane,synaptic vesicle membrane
纯化	Affinity purification

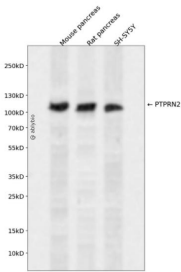
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 22-242 of human PTPRN 2 (NP_570858.2).
序列	AAPSSVPRGRQLPGRGLGCLLEEGLCGASEACVNDGVFGRQCQVPAMDYRYEVSPVALQRLRVALQKLSGTGFTWQDD YTQYVMDQELADLPKTYLRRPEASSPARPSKHSVGSERRYSREGGAALANALRRHLPFLEALSQAPASDVLARTHTAQDR PPAEGDDRFSESLTYVAHTSALTYPPGSRTQLREDLLPRTLGLQPDELSPKVDSGVDRHHL

靶点信息

研究背景	This gene encodes a protein with sequence similarity to receptor-like protein tyrosine phosphatases. However, tyrosine phosphatase activity has not been experimentally validated for this protein. Studies of the rat ortholog suggest that the encoded protein may instead function as a phosphatidylinositol phosphatase with the ability to dephosphorylate phosphatidylinositol 3-phosphate and phosphatidylinositol 4,5-diphosphate, and this function may be involved in the regulation of insulin secretion. This protein has been identified as an autoantigen in insulin-dependent diabetes mellitus. Alternative splicing results in multiple transcript variants.
基因ID	5799
基因名	PTPRN2
Swiss	Q92932
别名	PTPRN2;IA-2beta;IAR;ICAAR;PTPRP;R-PTP-N2

产品验证



Western blot analysis of PTPRN2 expressed in Mouse pancreas, Rat pancreas, SH-SY5Y using PTPRN2 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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