

PTPRN Recombinant antibody

Cat:B35075D**Company:** HaoKebio**Uniprot ID:**Q16849**Applications:** IHC:1:200-1:500**Organism:**Rabbit

IHC-Polymer:1:800-1:2000

Species reactivity:Human Mouse Rat

IHC-TSA:1:1000-1:2500

Molecular Weight Calculation: 106 kDa

WB:1:1000

Observed Molecular Weight: 64 kDa**Background:**

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.

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Source of Reagents:

发表[中文论文]请标注:PTPRN(B35075D)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:PTPRN(B35075D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Protein full name:

Protein Tyrosine Phosphatase Receptor Type N

Synonyms:

IA2; IA-2; ICA512; R-PTP-N; IA-2/PTP

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer: