

CAB14774

Product Information

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| Product SKU: | CAB14774 | Gene ID: | 5799 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

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| Observed MW: | 111kDa | Conjugate: | Unconjugated |
| Calculated MW: | 111kDa | Isotype: | IgG |

Immunogen Information

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| Background: | 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. |
| Recommended Dilution: | WB,1:500 - 1:2000 IHC-P,1:50 - 1:100 |
| Synonyms: | IAR; ICAAR; PTPRP; IA-2beta; R-PTP-N2; PTPRN2 |
| Purification Method: | Affinity purification |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 22-242 of human PTPRN2 (NP_570858.2). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. |