Datasheet for ABIN6738163

# anti-PTPRN antibody (AA 32-81)

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## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | PTPRN |
| Binding Specificity: | AA 32-81 |
| Reactivity: | Human, Rat, Mouse, Pig, Cow, Rabbit, Guinea Pig, Monkey |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PTPRN antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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|---|---|
| Immunogen: | Synthetic peptide located between aa32-81 of human PTPRN (Q7KZS4). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Baboon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Bovine, Rabbit (100%), Gibbon, Bat, Horse (92%), Pig (85%), Guinea pig (84%).<br><br>Type of Immunogen: Synthetic peptide |
| Isotype: | IgG |
| Specificity: | Human PTPRN |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Mouse, Rat, Rabbit (100%) Horse (92%) Bovine, Pig (85%) Guinea pig (84%). |
| Purification: | Immunoaffinity purified |

## Target Details

| | |
|---|---|
| Target: | PTPRN |
| Alternative Name: | PTPRN / IA-2 (PTPRN Products) |
| Background: | Name/Gene ID: PTPRN<br>Subfamily: R8<br>Family: Protein Phosphatase<br><br>Synonyms: PTPRN, ICA512, IA2, ICA 512, Islet antigen 2, Islet cell antigen 2, Islet cell autoantigen 3, IA-2, Ia-2 antigen, ICA3, PTP-NP-2, PTP IA-2, R-PTP-N, IA-2/PTP, Islet cell antigen 512 |
| Gene ID: | 5798 |
| UniProt: | Q16849 |

## Application Details

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|---|---|
| Application Notes: | Approved: WB<br><br>Usage: ELISA titer using peptide based assay: 1:12500. Western Blot: Suggested dilution at 0.0625 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. |
| Comment: | Target Species of Antibody: Human |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Lyophilized |
| Reconstitution: | Distilled Water. |
| Concentration: | Lot specific |
| Buffer: | Lyophilized from PBS with 2 % sucrose |
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)<br>Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |

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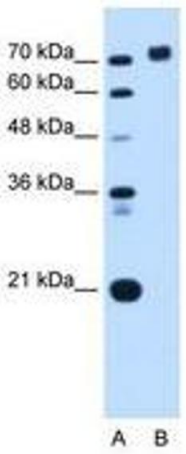


**Image 1.**

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