

## Product Information

**Anti-PTPN**  
antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW21478A**  
Formerly listed as GenWay Catalog Number 15-288-21478A,  
Receptor-type tyrosine-protein phosphatase-like N Anti-  
body.

Storage Temperature Store at  $-20^{\circ}\text{C}$

Synonyms: Protein tyrosine phosphatase, receptor type, N,  
R-PTP-N; PTP IA-2; Islet cell antigen 512; ICA 512; Islet cell  
autoantigen 3

### Product Description

Implicated in neuroendocrine secretory processes. May be involved in processes specific for neurosecretory granules, such as their biogenesis, trafficking or regulated exocytosis or may have a general role in neuroendocrine functions. Seems to lack intrinsic enzyme activity. May play a role in the regulation of secretory granules via its interaction with SNTB2.

NCBI Accession number: NP\_002837.1  
Swiss Prot Accession number: Q16849

Gene Information: Human .. PTPRN (5798)

Immunogen: Recombinant protein Protein tyrosine phosphatase, receptor type, N

Immunogen Sequence: GI # 4506321, sequence 214 - 332

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at  $2-8^{\circ}\text{C}$  for up to one week. For extended storage, store in  $-20^{\circ}\text{C}$  freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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