

Product Information

Anti-PTPN13
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21497A**

Formerly listed as GenWay Catalog Number 15-288-21497A,
Tyrosine-protein phosphatase non-receptor type 13 Anti-
body.

Storage Temperature Store at -20 °C

Synonyms: Protein tyrosine phosphatase, non-receptor type
13 isoform 2, EC 3.1.3.48; Protein-tyrosine phosphatase 1E;
PTP-E1; hPTPE1; PTP-BAS; Protein-tyrosine phosphatase
PTPL1; Fas-associated protein-tyrosine phosphatase 1; FAP-1

Product Description

Regulates negatively FAS-induced apoptosis and NGFR-mediated pro-apoptotic signaling. 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. PTP was found to interact with and dephosphorylate Fas receptor, as well as IkappaBalpha through the PDZ domains. which suggested its role in Fas mediated programmed cell death. This PTP was also shown to interact with GTPase-activating protein. It may function as a regulator of Rho signaling pathway. Four alternatively spliced transcript variants. which encode distinct proteins have been reported.

NCBI Accession number: NP_006255.1

Swiss Prot Accession number: Q12923

Gene Information: Human .. PTPN13 (5783)

Immunogen: Recombinant protein Protein tyrosine phosphatase, non-receptor type 13 isoform 2

Immunogen Sequence: GI # 5453992, sequence 212 - 399

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 °C for up to one week. For extended storage, store in -20 °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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