

## PTPN3

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**103kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PTPN3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PTPH1; PTP-H1;

**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 protein contains a C-terminal PTP domain and an N-terminal domain homologous to the band 4.1 superfamily of cytoskeletal-associated proteins. P97, a cell cycle regulator involved in a variety of membrane related functions, has been shown to be a substrate of this PTP. This PTP was also found to interact with, and be regulated by adaptor protein 14-3-3 beta. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**To place an order, please [Click HERE](#).**

**Catalog #:**A6400

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5774

**Isotype:**IgG

**Swiss Prot:**P26045

**Purity:**Affinity purification

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