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# PTPN3 Polyclonal Antibody

**Cat #:** G-AB-11070

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:**

**Overview:**
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.

**Gene ID:** 5774

**Accession #:**

**Immunogen:** Recombinant fusion protein of human PTPN3 (NP_001138840.1).

**Conjugation:** Unconjugated

**Swissprot:** P26045

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** IHC

**Dilution:** IHC 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.