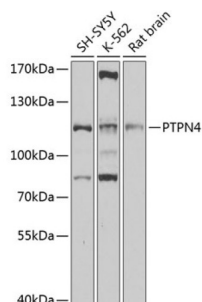


Protein Tyrosine Phosphatase, Non Receptor Type 4 (PTPN4) Antibody

Catalogue No.: abx002984



Western blot analysis of extracts of various cell lines using PTPN4 Antibody (1/1000 dilution).

PTPN4 Antibody is a Rabbit Polyclonal antibody against PTPN4. 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. This PTP has been shown to interact with glutamate receptor delta 2 and epsilon subunits, and is thought to play a role in signalling downstream of the glutamate receptors through tyrosine dephosphorylation.

Target: Protein Tyrosine Phosphatase, Non Receptor Type 4 (PTPN4)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/200 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human PTPN4

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P29074 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 5.0.0

Revision date: 06 Mar 2025



Gene Symbol: PTPN4

GeneID: [5775](#)

NCBI Accession: NP_002821.1

KEGG: hsa:5775

String: [9606.ENSP00000263708](#)

Molecular Weight: Calculated MW: 105 kDa
Observed MW: 115 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only