

Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11) Antibody

Catalogue No.: abx025290



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 PTP contains two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates. This PTP is widely expressed in most tissues and plays a regulatory role in various cell signaling events that are important for a diversity of cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration. Mutations in this gene are a cause of Noonan syndrome as well as acute myeloid leukemia.

Target: Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11)

Clonality: Monoclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB

Host: Mouse

Recommended dilutions: WB: 1/100. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Human PTPN11 recombinant protein.

Datasheet

Version: 2.0.0

Revision date: 28 Sep 2025



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| Isotype: | IgG ₁ Kappa |
| Form: | Liquid |
| Purification: | Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q06124 (UniProt , ExPASy) |
| KEGG: | hsa:5781 |
| String: | 9606.ENSP00000340944 |
| Molecular Weight: | Calculated MW: 68 kDa |
| Buffer: | PBS containing 0.09% sodium azide. |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |

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