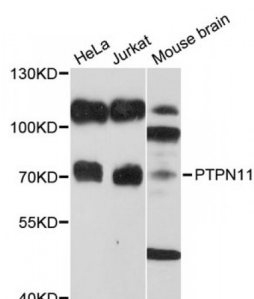


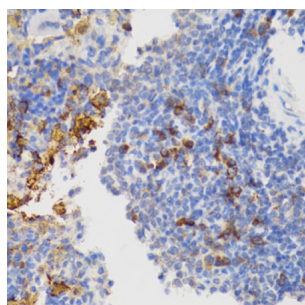
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Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11) Antibody

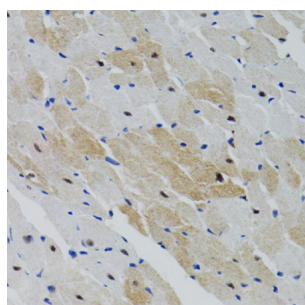
Catalogue No.: abx002096



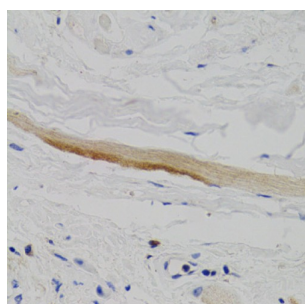
Western blot analysis of extracts of various cell lines, using PTPN11 antibody (abx002096) at 1/1000 dilution.



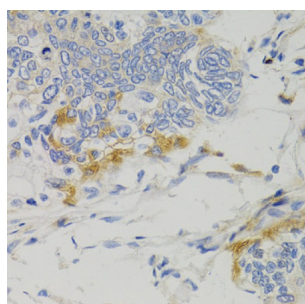
Immunohistochemistry of paraffin-embedded rat spleen using PTPN11 antibody (abx002096) at dilution of 1/100 (40x lens).



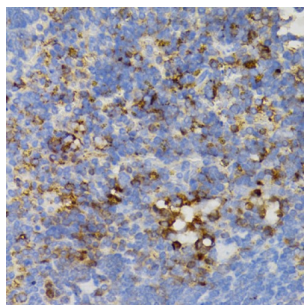
Immunohistochemistry of paraffin-embedded rat heart using PTPN11 antibody (abx002096) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human esophagus using PTPN11 antibody (abx002096) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using PTPN11 antibody (abx002096) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using PTPN11 antibody (abx002096) at dilution of 1/100 (40x lens).

PTPN11 Antibody is a Rabbit Polyclonal antibody against PTPN11. 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. Two transcript variants encoding different isoforms have been found for this gene.

Target: PTPN11

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/1000, IHC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant fusion protein of human PTPN11.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

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

Molecular Weight: Calculated MW: 52 kDa/68 kDa
Observed MW: 71 kDa

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Swiss Prot: [Q06124](#)

GeneID: [5781](#)

Gene Symbol: PTPN11

Concentration: > 1 mg/ml

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

Note: This product is for research use only.