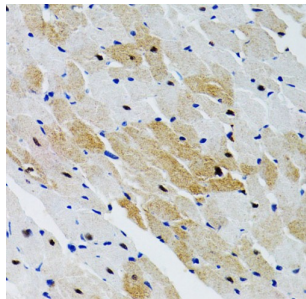
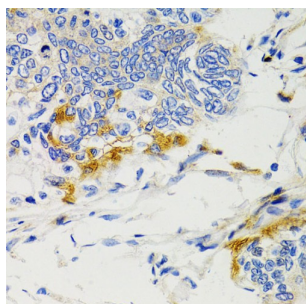


Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11) Antibody

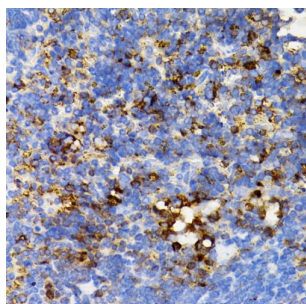
Catalogue No.: abx002096



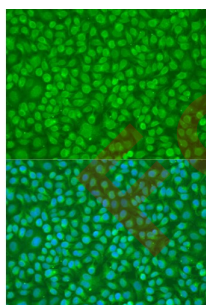
Immunohistochemistry of paraffin-embedded Rat heart using PTPN11 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human gastric cancer using PTPN11 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse spleen using PTPN11 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of U2OS cells using PTPN11 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

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.

Datasheet

Version: 4.0.0
Revision date: 28 May 2025



Target:	Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	IHC-P: 1/50 - 1/100, IF/ICC: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human PTPN11
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q06124 (UniProt , ExPASy)
Gene Symbol:	PTPN11
GeneID:	5781
NCBI Accession:	NP_002825.3
KEGG:	hsa:5781
String:	9606.ENSP00000340944
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.