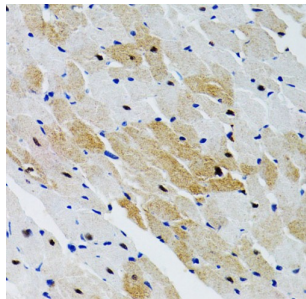
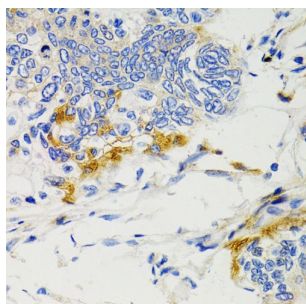


## Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11) Antibody

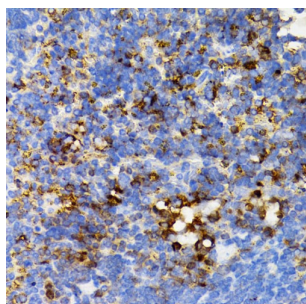
Catalogue No.: abx002096



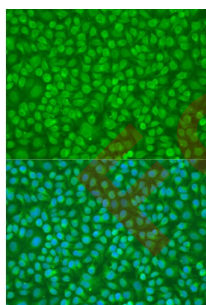
Immunohistochemistry of paraffin-embedded Rat heart using PTPN11 Antibody (1/100 dilution, 40x lens).



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: 09 Jun 2025



<b>Target:</b>	Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	IHC, IF/ICC
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	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.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant fusion protein corresponding to human PTPN11
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q06124 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	PTPN11
<b>GeneID:</b>	<a href="#">5781</a>
<b>NCBI Accession:</b>	NP_002825.3
<b>KEGG:</b>	hsa:5781
<b>String:</b>	<a href="#">9606.ENSP00000340944</a>
<b>Buffer:</b>	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
<b>Concentration:</b>	1 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.