



[Go to Product page](#)

Datasheet for ABIN1513449
anti-PTPN22 antibody (AA 1-90)

5 Images

Overview

Quantity:	100 µg
Target:	PTPN22
Binding Specificity:	AA 1-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN22 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human PTPN22 (NP_036543.4).
Sequence:	MDQREILQKF LDEAQSCKIT KEEFANEFLK LKRQSTKYKA DKTYPTTVAE KPKNIKKNRY KDILPYDYSR VELSLITSDE DSSYINANFI
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PTPN22
---------	--------

Target Details

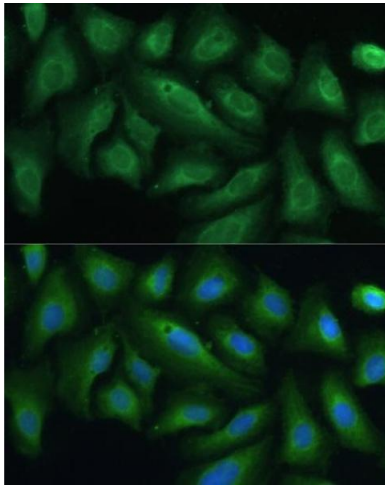
Alternative Name:	PTPN22 (PTPN22 Products)
Background:	<p>This gene encodes of member of the non-receptor class 4 subfamily of the protein-tyrosine phosphatase family. The encoded protein is a lymphoid-specific intracellular phosphatase that associates with the molecular adapter protein CBL and may be involved in regulating CBL function in the T-cell receptor signaling pathway. Mutations in this gene may be associated with a range of autoimmune disorders including Type 1 Diabetes, rheumatoid arthritis, systemic lupus erythematosus and Graves' disease. Alternatively spliced transcript variants encoding distinct isoforms have been described.,PTPN22,LYP,LYP1,LYP2,PEP,PTPN22.5,PTPN22.6,PTPN8,Signal Transduction,Immunology & Inflammation,IL-6 Receptor Signaling Pathway,PTPN22</p>
Molecular Weight:	20 kDa/75 kDa/78 kDa/85 kDa/88 kDa/91 kDa
Gene ID:	26191
UniProt:	Q9Y2R2

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

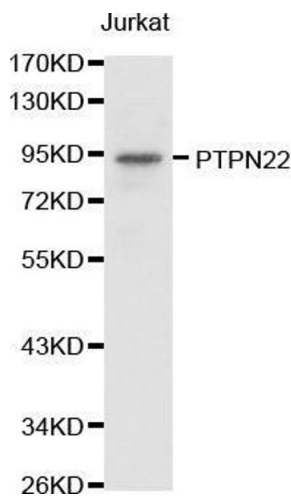
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



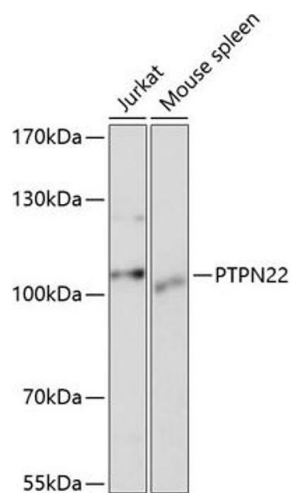
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using PTPN22 antibody (ABIN3021952, ABIN3021953, ABIN1513449 and ABIN6218285) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of Jurkat cell lines, using PTPN22 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using PTPN22 antibody (ABIN3021952, ABIN3021953, ABIN1513449 and ABIN6218285) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1513449.