

Datasheet for ABIN525622
anti-PTPN22 antibody (AA 1-752)



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1 Image

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Overview

Quantity:	50 µL
Target:	PTPN22
Binding Specificity:	AA 1-752
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PTPN22 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human PTPN22 protein.
Immunogen:	PTPN22 (AAH71670.1, 1 a.a. ~ 752 a.a) full-length human protein.
Sequence:	MDQREILQKF LDEAQSCKIT KEEFANEFLK LKRQSTKYKA DKTYPTTVAE KPKNIKKNRY KDILPYDYSR VELSLITSDE DSSYINANFI KGVYGPKEYI ATQGPLSTTL LDFWRMIWEY SVLIIVMACM EYEMGKKKCE RYWAEPGEMQ LEFGPFSVSC EAEKRKSDYI IRTLKVKFNS ETRTIYQFHY KNWPDHDVPS SIDPILELIW DVRCYQEDDS VPICIHCSAG CGRTGVICAI DYTWMLLKDG SQAKHCIPEK NHTLQADSYS PNLPKSTTKA AKMMNQQRK MEIKESSSFD FRTSEISAKE ELVLHPAKSS TSFDFLELNY SFDKNADTTM KWQTKAFPIV GEPLQKHQSL DLGSLFEGC SNSKPVNAAG RYFNSKVPIT RTKSTPFELI QQRETKEVDS KENFSYLESQ PHDSCFVEMQ AQKVMHVSSA ELNYSPLPYDS KHQIRNASNV KHHDSALGV YSYIPLVENP YFSSWPPSGT SSKMSLDLPE KQDGTVPFSS LLPTSSTSLF SYNSHDSLS LNSPTNISSL LNQESAVLAT APRIDDEIPP PLPVRTPESE IVVEEAGEFS PNVPKSLSSA VKVKIGTSLE

Product Details

WGGTSEPKKF DDSVILRPSK SVKLRSPKSE LHQDRSSPPP PLPERTLESF FLADEDCEMQA
QSIETYSTSY PDTMENSTSS KQTLKTPGKS FTRSKSLKIL RNMKKSICNS CPPNKPAESV
QSNSSSFLN FGFANRFSKP KGPRNPPPTW NI

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: PTPN22

Alternative Name: PTPN22 ([PTPN22 Products](#))

Background: Full Gene Name: protein tyrosine phosphatase, non-receptor type 22 (lymphoid)
Synonyms: LYP,Lyp1,Lyp2,PEP,PTPN8

Gene ID: 26191

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: No additive

Preservative: Without preservative

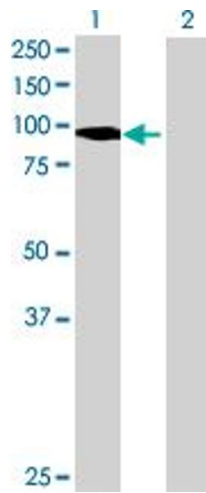
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Cao, Yang, Colby, Hogan, Hu, Jennette, Berg, Zhang, Jennette, Falk, Preston: "High basal activity of the PTPN22 gain-of-function variant blunts leukocyte responsiveness negatively affecting IL-10 production in ANCA vasculitis." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e42783, (2012) ([PubMed](#)).



Western Blotting

Image 1. Western Blot analysis of PTPN22 expression in transfected 293T cell line by PTPN22 MaxPab polyclonal antibody.

Lane1:PTPN22 transfected lysate(82.72 KDa).

Lane2:Non-transfected lysate.