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Datasheet for ABIN519504
anti-PTPN2 antibody (AA 1-387)

3 Images

Overview

Quantity:	100 µL
Target:	PTPN2
Binding Specificity:	AA 1-387
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human PTPN2 protein.
Immunogen:	PTPN2 (NP_536347.1, 1 a.a. ~ 387 a.a) full-length human protein.
Sequence:	MPTTIEREFE ELDTQRRWQP LYLEIRNESH DYPHRVAKFP ENRNRNRYRD VSPYDHSRVK LQNAENDYIN ASLVDIEEAQ RSYILTQGGL PNTCCHFWM VWQQKTKAVV MLNRIVEKES VKCAQYWPTD DQEMLFKETG FSVKLLSESV KSYTIVHLLQ LENINSGETR TISHFHYYTTW PDFGVPESPA SFLNFLFKVR ESGSLNPDHG PAVIHCSAGI GRSGTFLVD TCLVLMKGD DINIKVLLN MRKYRMGLIQ TPDQLRFSYM AIIEGAKCIK GDSSIQRWK ELSKEDLSPA FDHSPNKIMT EKYNGNRIGL EEEKLTGDRG TGLSSKMQDT MEENSESALR KRIREDRKAT TAQKVQMKQ RLNENERKRK RPRLTDT
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

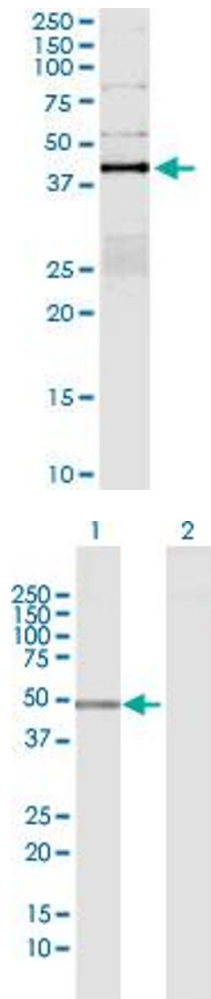
Target:	PTPN2
Alternative Name:	PTPN2 (PTPN2 Products)
Background:	Full Gene Name: protein tyrosine phosphatase, non-receptor type 2 Synonyms: PTPT,TC-PTP,TCELLPTP,TCPTP
Gene ID:	5771
NCBI Accession:	NM_080422
Pathways:	EGFR Signaling Pathway , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Platelet-derived growth Factor Receptor Signaling

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.



Immunoprecipitation

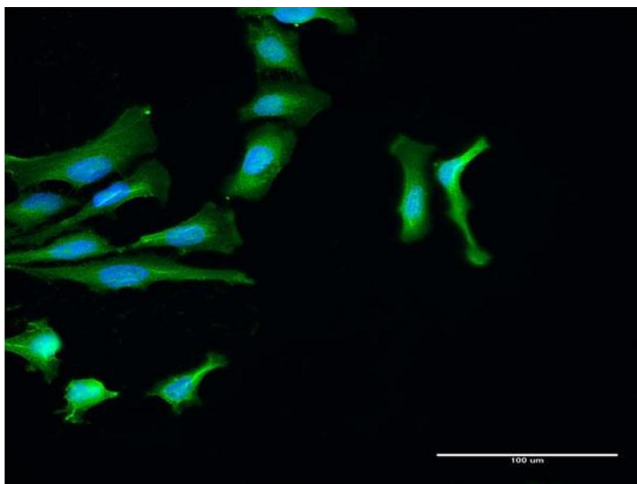
Image 1. Immunoprecipitation of PTPN2 transfected lysate using anti-PTPN2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead , and immunoblotted with PTPN2 purified MaxPab mouse polyclonal antibody (B01P) .

Western Blotting

Image 2. Western Blot analysis of PTPN2 expression in transfected 293T cell line by PTPN2 MaxPab polyclonal antibody.

Lane 1: PTPN2 transfected lysate(45.2 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Image 3. Immunofluorescence of purified MaxPab antibody to PTPN2 on HeLa cell. [antibody concentration 20 ug/ml]