

Datasheet for ABIN7451318
anti-PTPN2 antibody (AA 350-400)



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Overview

Quantity:	100 µg
Target:	PTPN2
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN2 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-PTPN2/TCPTP Antibody, Affinity Purified
Immunogen:	Between AA 350 and 400
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat
Purification:	Affinity Purified

Target Details

Target:	PTPN2
Alternative Name:	PTPN2/TCPTP (PTPN2 Products)
Background:	Background: The gene PTPN2, also known as TCPTP or TCP-TP, encodes for the protein

Target Details

tyrosine phosphatase (PTP) family member, tyrosine-protein phosphatase non-receptor type 2. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. PTPN2 dephosphorylates both receptor and non-receptor protein tyrosine kinases. PTPN2/TCPTP negatively regulates numerous signaling pathways and biological processes like hematopoiesis, inflammatory response, cell proliferation and differentiation, and glucose homeostasis [taken from NCBI Entrez Gene (Gene ID: 5771) and UniProtKB (Entry: P17706)].

Gene ID:	5771
UniProt:	P17706
Pathways:	EGFR Signaling Pathway , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: Not recommended. Use rabbit anti-PTPN2/TCPTP antibody ABIN7451019.
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months