

Datasheet for ABIN7308244

**anti-PTPN2 antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PTPN2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Purpose:	Rabbit polyclonal antibody to TC-PTP
Immunogen:	Recombinant full length protein of human TC-PTP
Specificity:	Recognizes endogenous levels of TC-PTP protein.
Characteristics:	Rabbit polyclonal antibody to TC-PTP
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	PTPN2
Alternative Name:	TC-PTP ( <a href="#">PTPN2 Products</a> )
Background:	PTPT, Tyrosine-protein phosphatase non-receptor type 2, T-cell protein-tyrosine phosphatase,

### Target Details

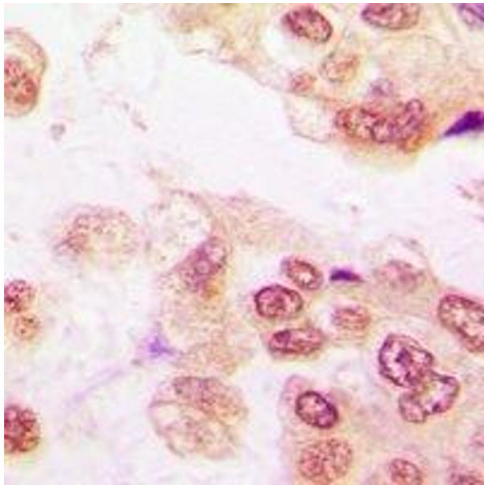
	TCPTP
Gene ID:	5771, 19255, 117063
UniProt:	<a href="#">P17706</a> , <a href="#">Q06180</a> , <a href="#">P35233</a>
Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>

### Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

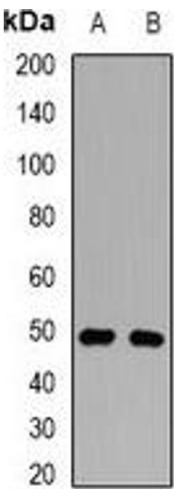
### Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



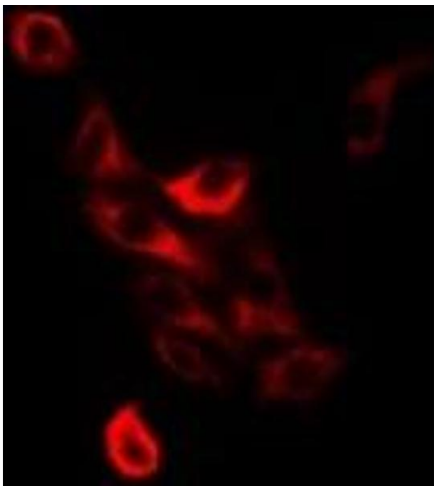
Immunohistochemistry

Image 1.



Western Blotting

Image 2. Western blot analysis of TC-PTP expression in Jurkat (A), K562 (B) whole cell lysates.



Immunofluorescence

Image 3. Immunofluorescent analysis of TC-PTP staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibo