

Datasheet for ABIN7130778

**anti-PTPN7 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PTPN7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Fusion protein of Human PTPN7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

## Target Details

Target:	PTPN7
Alternative Name:	PTPN7 ( <a href="#">PTPN7 Products</a> )
Background:	<p>Background: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation.</p> <p>This gene is preferentially expressed in a variety of hematopoietic cells, and is an early</p>

## Target Details

response gene in lymphokine stimulated cells. The non-catalytic N-terminus of this PTP can interact with MAP kinases and suppress the MAP kinase activities.

Aliases: BPTP 4 antibody, BPTP4 antibody, Dual specificity phosphatase 1 antibody, Hematopoietic protein tyrosine phosphatase antibody, Hematopoietic protein-tyrosine phosphatase antibody, HEPTP antibody, LC PTP antibody, LCPTP antibody, LPTP antibody, Protein tyrosine phosphatase non receptor type stress induced antibody, Protein tyrosine phosphatase nonreceptor type stress induced antibody, Protein tyrosine phosphatase LC PTP antibody, Protein tyrosine phosphatase non receptor type 7 antibody, Protein-tyrosine phosphatase LC-PTP antibody, PTN7\_HUMAN antibody, PTPN 7 antibody, Ptpn7 antibody, PTPNI antibody, Tyrosine protein phosphatase non receptor type 7 antibody, Tyrosine-protein phosphatase non-receptor type 7 antibody

UniProt: [P35236](#)

## Application Details

Application Notes: ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

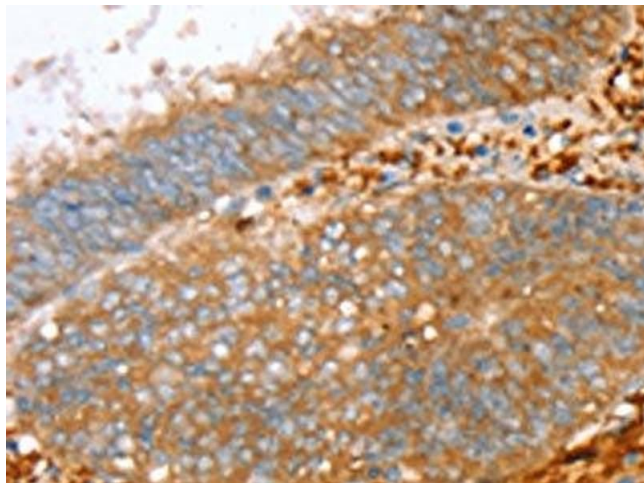
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

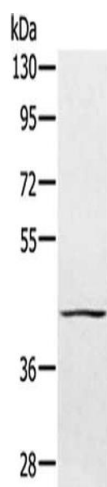
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ABIN7130778(PTPN7 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



#### Western Blotting

**Image 2.** Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: 231 cells, Primary antibody: ABIN7130778(PTPN7 Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute