

Datasheet for ABIN7174107  
**anti-PTPN3 antibody (AA 365-505)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	PTPN3
Binding Specificity:	AA 365-505
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Tyrosine-protein phosphatase non-receptor type 3 protein (365-505AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	PTPN3
Alternative Name:	PTPN3 ( <a href="#">PTPN3 Products</a> )
Background:	Background: May act at junctions between the membrane and the cytoskeleton. Possesses tyrosine phosphatase activity.

## Target Details

Aliases: cytoskeletal-associated protein tyrosine phosphatase antibody, protein tyrosine phosphatase H1 antibody, protein tyrosine phosphatase non-receptor type 3 antibody, Protein-tyrosine phosphatase H1 antibody, PTN3\_HUMAN antibody, PTP-H1 antibody, PTPH1 antibody, PTPN3 antibody, Tyrosine-protein phosphatase non-receptor type 3 antibody

UniProt: [P26045](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000, IF:1:200-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

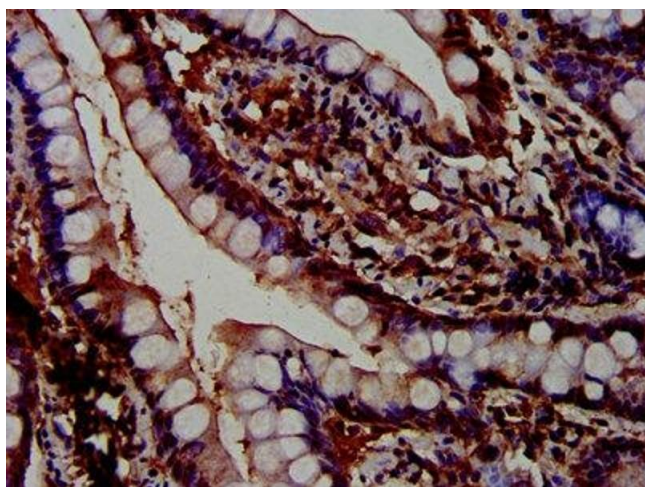
Preservative: ProClin

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

Storage: -20 °C,-80 °C

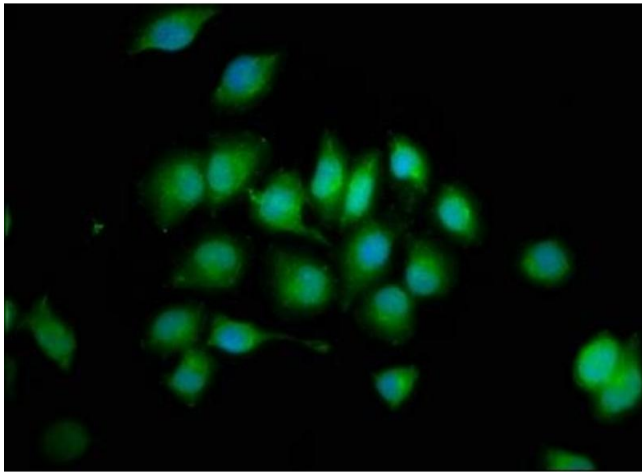
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



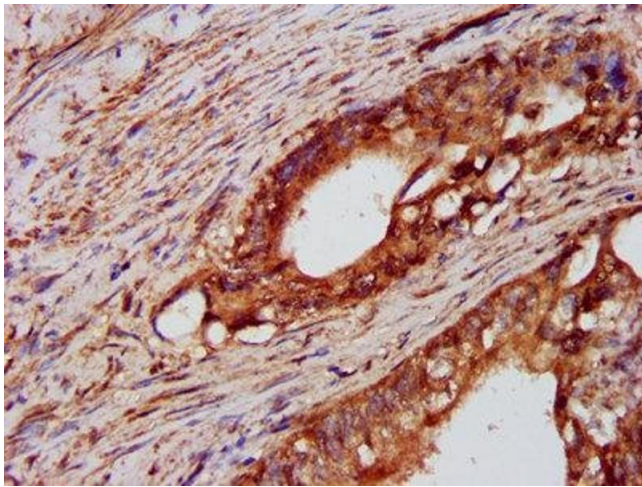
### Immunohistochemistry

**Image 1.** IHC image of ABIN7174107 diluted at 1:600 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of A549 cells with ABIN7174107 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7174107 diluted at 1:600 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.