

Datasheet for ABIN7140056  
**anti-PTBP3 antibody (AA 37-55)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	PTBP3
Binding Specificity:	AA 37-55
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTBP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

## Product Details

Immunogen:	Peptide sequence from Human Polypyrimidine tract-binding protein 3 protein (37-55AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	PTBP3
Alternative Name:	PTBP3 ( <a href="#">PTBP3 Products</a> )
Background:	Background: RNA-binding protein that mediates pre-mRNA alternative splicing regulation. Plays a role in the regulation of cell proliferation, differentiation and migration. Positive regulator of

## Target Details

EPO-dependent erythropoiesis. Participates in cell differentiation regulation by repressing tissue-specific exons. Promotes FAS exon 6 skipping. Binds RNA, preferentially to both poly(G) and poly(U).

Aliases: DKFZp781I1117 antibody, Fission yeast differentiation regulator antibody, OTTHUMP00000021931 antibody, OTTHUMP00000021932 antibody, Polypyrimidine tract binding protein 3 antibody, regulator of differentiation 1 antibody, Regulator of differentiation (in S. pombe) 1 antibody, Regulator of differentiation 1 antibody, ROD 1 antibody, Rod1 antibody, ROD1 regulator of differentiation 1 antibody, ROD1\_HUMAN antibody

UniProt: [O95758](#)

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

## Handling

Format: Liquid

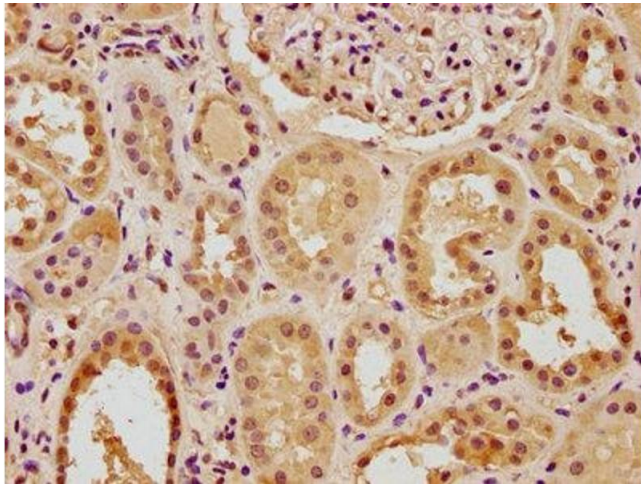
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

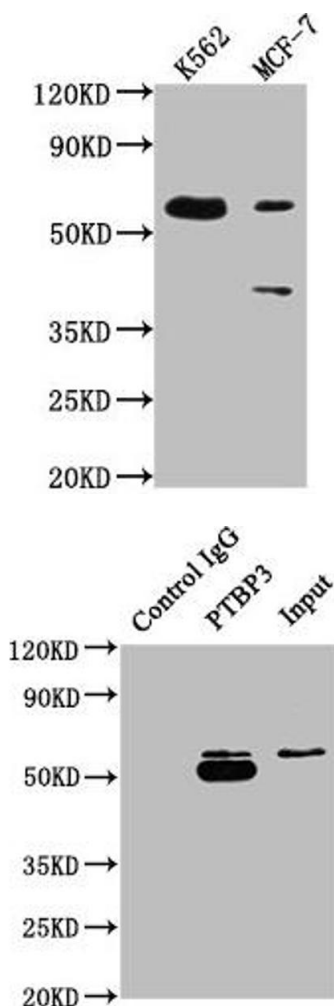
Storage: -20 °C,-80 °C

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



### Immunohistochemistry

**Image 1.** IHC image of ABIN7140056 diluted at 1:100 and staining in paraffin-embedded human kidney 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.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: K562 whole cell lysate, MCF-7 whole cell lysate All lanes: PTBP3 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 60, 57, 61, 50 kDa Observed band size: 60 kDa

### Western Blotting

**Image 3.** Immunoprecipitating PTBP3 in A549 whole cell lysate Lane 1: Rabbit control IgG instead of ABIN7140056 in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000) Lane 2: ABIN7140056 (5 µg) + A549 whole cell lysate (0.5 mg) Lane 3: A549 whole cell lysate (20 µg)