

Datasheet for ABIN185079  
**anti-PTBP1 antibody (N-Term)**

## 7 Images

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## Overview

Quantity:	100 µg
Target:	PTBP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PTBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	PTBP1 / PTB
Immunogen:	Peptide with sequence DGIVPDIAVGTKR-C, from the N Terminus of the protein sequence according to NP_002810.1, NP_114367.1, NP_114368.1, NP_787041.1.
Sequence:	DGIVPDIAVG TKR
Isotype:	IgG
Specificity:	This antibody is expected to recognise all 4 reported isoforms (represented by NP_002810.1, NP_114367.1, NP_114368.1, NP_787041.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: PTBP1

Alternative Name: PTBP1 ([PTBP1 Products](#))

Background: PTBP1, PTB, polypyrimidine tract binding protein 1, PTB2, PTB3, PTB4, pPTB, HNRPI, PTB-1, HNRNPI, RNA binding protein, heterogeneous nuclear ribonucleoprotein polypeptide I, polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I),

Gene ID: 19205, 29497

NCBI Accession: [NP\\_002810](#), [NP\\_114367](#), [NP\\_114368](#), [NP\\_787041](#)

Pathways: [Regulation of Muscle Cell Differentiation](#)

## Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 4-6 µg/mL.  
Western Blot: Approx 55 kDa band observed in Mouse Ovary lysates and in lysates of cell line NIH3T3, K562, KNRK and Nuclear Jurkat (calculated MW of 57.2 kDa according to Human NP\_114368.1 and 56.9 kDa according to Mouse NP\_032982.2 and Rat NP\_071961.2).  
Peptide ELISA: antibody detection limit dilution 1:128000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

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

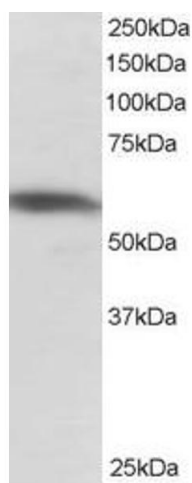
Handling Advice: Minimize freezing and thawing.

## Handling

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Images



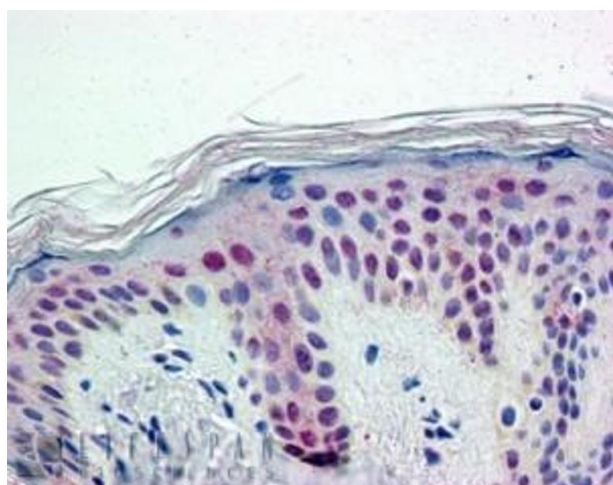
### Western Blotting

**Image 1.** ABIN185079 staining (1µg/ml) of Jurkat lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



### Western Blotting

**Image 2.** ABIN185079 (0.1µg/ml) staining of Human Ovary lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



**Image 3.** ABIN185079 (5 µg/mL) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN185079.