

Datasheet for ABIN238583
anti-PTBP2 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	PTBP2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PTBP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	PTBP2
Immunogen:	Peptide with sequence C-SKKFKGEDKMD, from the internal region of the protein sequence according to NP_067013.1 .
Sequence:	SKKFKGEDKM D
Isotype:	IgG
Specificity:	This antibody is expected to recognise NP_001287914.1 (isoform 1), NP_001287915.1 (isoform 2), NP_001287916.1 (isoform 3), NP_001287917.1 (isoform 4), NP_001287918.1 (isoform 5), and NP_067013.1 (isoform 6).
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: PTBP2

Alternative Name: PTBP2 ([PTBP2 Products](#))

Background: PTBP2, polypyrimidine tract binding protein 2, FLJ34897, MIBP, PTB, PTBLP, brPTB, nPTB, nPTB5, nPTB6, nPTB7, nPTB8, PTB-like, neural polypyrimidine tract binding protein, splicing regulator

Gene ID: 58155, 56195, 310820

NCBI Accession: [NP_067013](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Western Blot: Approx 55-60 kDa band observed in Mouse Testis lysates and in nuclear lysates of cell line NIH3T3, and approx 55 kDa in preliminary testing at Rat testes lysate (calculated MW of 57.6 kDa according to Mouse NP_062423.1 and 57.5 kDa according to t
Peptide ELISA: antibody detection limit dilution 1:1000.

Comment: **Immunofluorescence:** Strong expression of the protein seen in the nuclei of A431 cells.
Recommended concentration: 10µg/ml.

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.

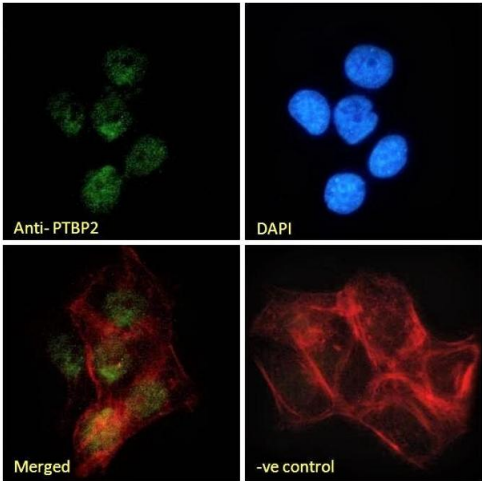
Preservative: Sodium azide

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

Handling

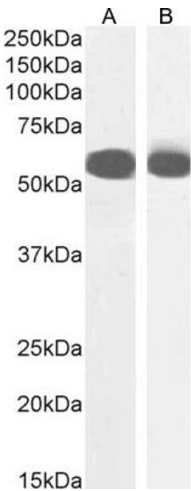
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Immunofluorescence

Image 1. (ABIN238583) Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear staining. Actin filaments were stained with



Western Blotting

Image 2. (ABIN238583) (3 µg/mL) staining of Mouse Testes (A) lysate and nuclear NIH3T3 (B) cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.