

PTBP1 Antibody

CAB1831

Description

This PTBP1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB1831

Contents: 20 μ L, 100 μ L

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: PTB, PTB2, PTB3, PTB4, pPTB, HNRPI, PTB-1, PTB-T, HNRNPI, HNRNP-I, P1

Clone: -

Applications: WB IHC-P IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5725

Uniprot: AB_2763868

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 57kDa

Calculated MW: 60kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

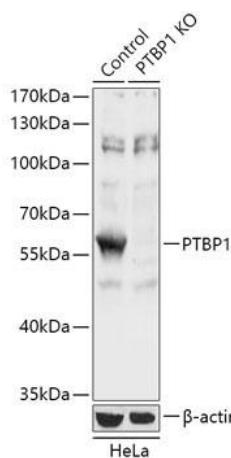
Positive Sample: HeLa

Recommended Dilutions:

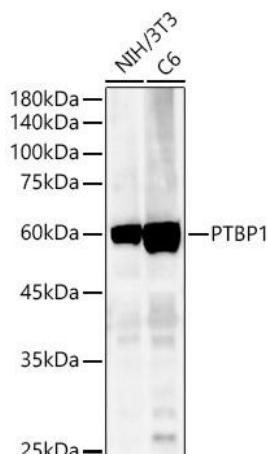
WB	1:500 - 1:1000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

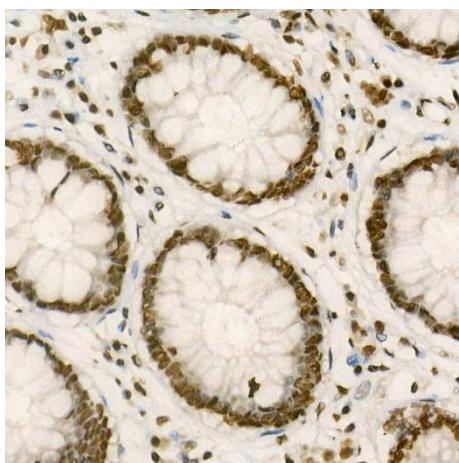
Validation Data



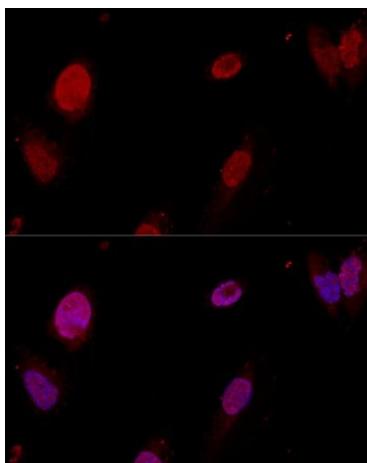
Western blot analysis of lysates from wild type (WT) and PTBP1 knockout (KO) HeLa cells, using [KO Validated] PTBP1 Rabbit pAb (CAB1831) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5s.



Western blot analysis of various lysates, using [KO Validated] PTBP1 Rabbit pAb (CAB1831) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lanes: NIH3T3 and C6. Molecular weight markers (kDa) are indicated on the left: 180, 140, 100, 75, 60, 45, 35, 25. PTBP1 is indicated by an arrow at the 60kDa mark.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using [KO Validated] PTBP1 Rabbit pAb (CAB1831) at dilution of 1:25 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Confocal immunofluorescence analysis of U-2OS cells using [KO Validated] PTBP1 Rabbit pAb (CAB1831) at dilution of 1:50. Blue: DAPI for nuclear staining.