PTBP3 Antibody

PACO61975

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000

Protein 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 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).

Gene ID:

PTBP3

Uniprot

O95758

Synonyms:

Polypyrimidine tract-binding protein 3 (Regulator of differentiation 1) (Rod1), PTBP3, ROD1

Immunogen:

Peptide sequence from Human Polypyrimidine tract-binding protein 3 protein (37-55AA).

Storage:

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

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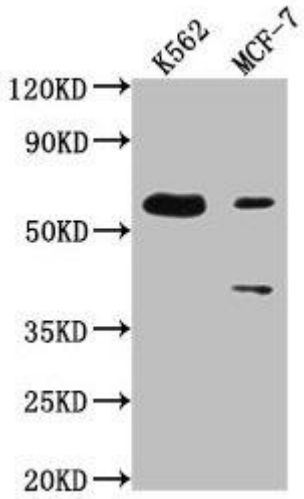
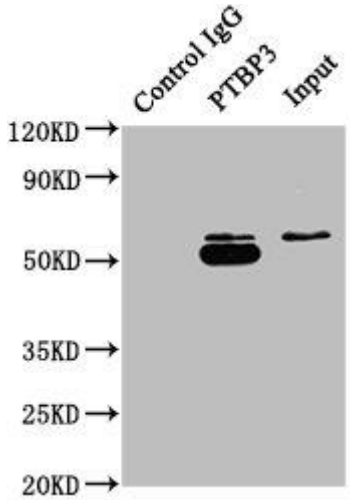
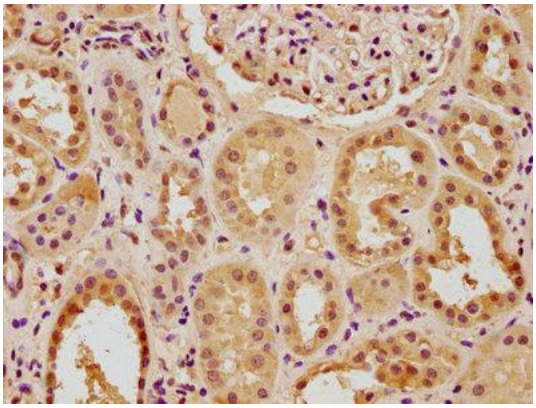
Product Images



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.



Immunoprecipitating PTBP3 in A549 whole cell lysate. Lane 1: Rabbit control IgG instead of PACO61975 in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000). Lane 2: PACO61975 (5µg) + A549 whole cell lysate (0.5mg). Lane 3: A549 whole cell lysate (20µg).



IHC image of PACO61975 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM 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.

