

Goat anti-PTBP1 / PTB Antibody

Catalog No: tcva06088



Available Sizes

Size: 100µg



Specifications

Application:

Pep-ELISA, WB, IHC

Research Area:

RNA-binding; Viral transmission/ resistance; infectious; disease; immunology; splicing; acetylprotein

Species Reactivity:

Human, Mouse, Rat, Dog, Pig, Cow

Host Species:

Goat

Immunogen / Amino acids:

DGIVPDIAVGTKR-C

Conjugation:

Unconjugated

Form:

Liquid

Storage Buffer:

Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Concentration:

0.5 mg/ml in 200 µl

Recommended Dilution:

Western Blot: Approx 55kDa band observed in Human

Mouse and Rat Ovary lysates and 60kDa band observed in nuclear lysates of cell lines HeLa

HepG2

Jurkat

HEK293 and 3T3N (calculated MW of 57.2kDa according to NP_114368.1). Recommended concentration: 0.01-0.3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Pig Liver and Ovary for this particular batch. Peptide ELISA: antibody detection limit dilution 1:32000.

Amino Acid Sequence:

NP_002810.1; NP_114367.1; NP_114368.1; NP_787041.1

Storage Instruction:

Aliquot store at -20C. Avoid freeze / thaw cycles.

Alternative Names:

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); HNRNP-I; MGC10830; MGC8461; RNA-binding protein; heterogeneous nuclear ribonucleoprotein I

Gene ID:

(human);19205 (mouse); 29497 (rat);

Reference Sequence No.:

NP_002810.1; NP_114367.1; NP_114368.1; NP_787041.1

Calculated Molecular Weight:

59.6, 59.0, 57.2; 21.9

Purification:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide

DS Gene Ontology Terms:

poly-pyrimidine tract binding; heterogeneous nuclear ribonucleoprotein; RNA binding; mRNA processing; mRNA splicing; nucleolus; nucleoplasm

Positive Control:

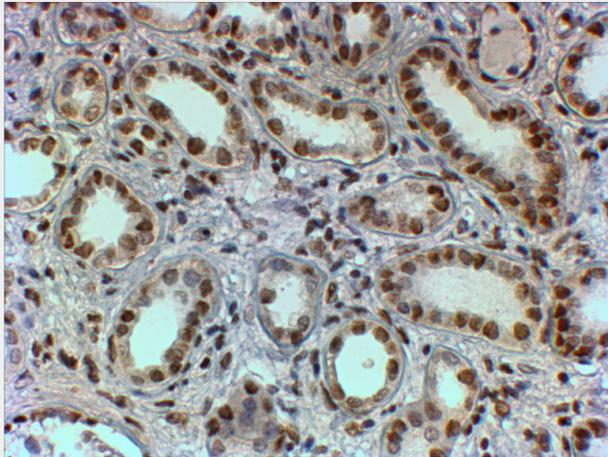
tcva06088p

Notes

This antibody is expected to recognise all 4 reported isoforms (represented by NP_002810.1; NP_114367.1; NP_114368.1; NP_787041.1).

Product Description

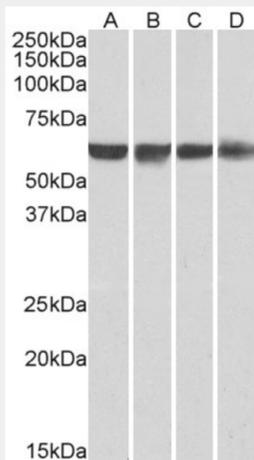
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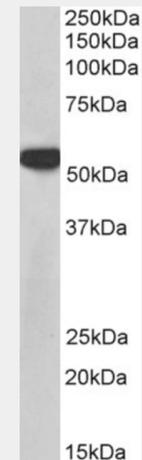
EB06088 (2µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



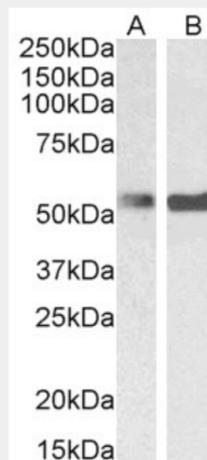
EB06088 (0.1µg/ml) staining of Human Ovary lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB06088 (0.01µg/ml) staining of HeLa (A), HepG2 (B), Jurkat (C) and HEK293 (D) nuclear lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB06088 (0.03µg/ml) staining of lysates of cell line NIH3T3 (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB06088 (0.1-0.3µg/ml) staining of Mouse Ovary (A) and Rat Ovary (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!