



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06088 - Goat Anti-PTBP1 / PTB Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal 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

**Official Symbol:** PTBP1

**Accession Number(s):** NP\_002810.1; NP\_114367.1; NP\_114368.1; NP\_787041.1

**Non-Human GeneID(s):** 19205 (mouse), 29497 (rat)

**Important Comments:** This antibody is expected to recognise all 4 reported isoforms (represented by NP\_002810.1; NP\_114367.1; NP\_114368.1; NP\_787041.1).

### 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.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

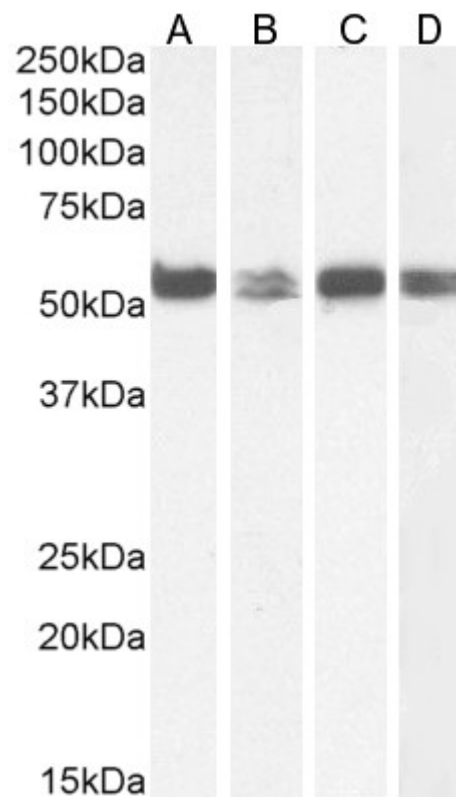
**Western blot:** Approx 55kDa band observed in Mouse Ovary lysates and in lysates of cell line NIH3T3, K562, KNRK and Nuclear Jurkat (calculated MW of 57.2kDa according to Human NP\_114368.1 and 56.9kDa according to Mouse NP\_032982.2 and Rat NP\_071961.2). Recommended concentration: 0.001-0.01µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** Paraffin embedded Human Kidney. Recommended concentration: 4-6µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

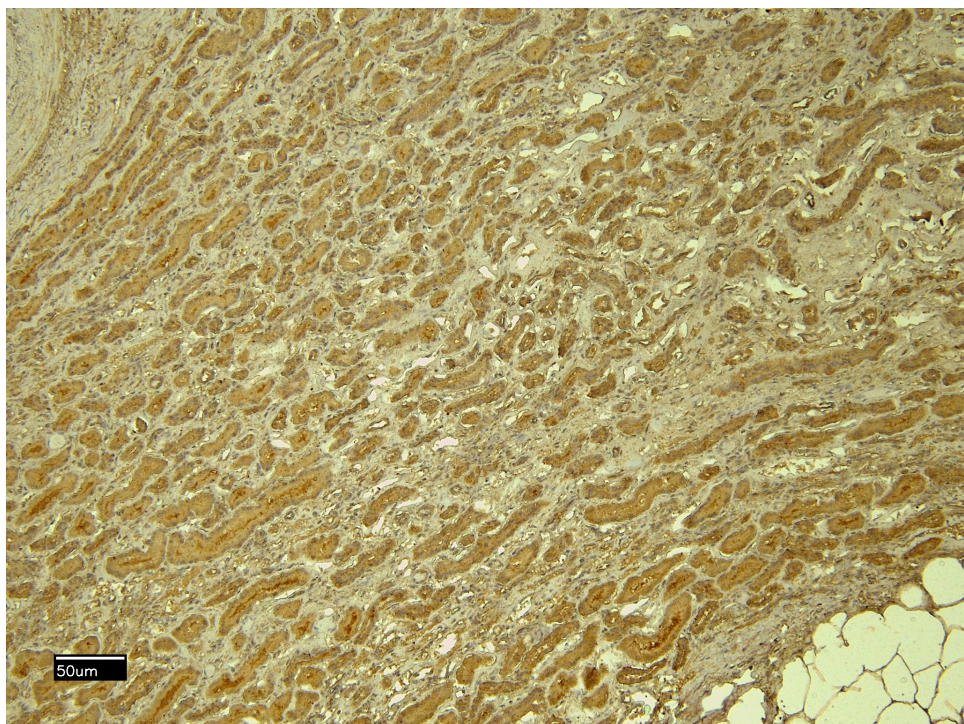
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



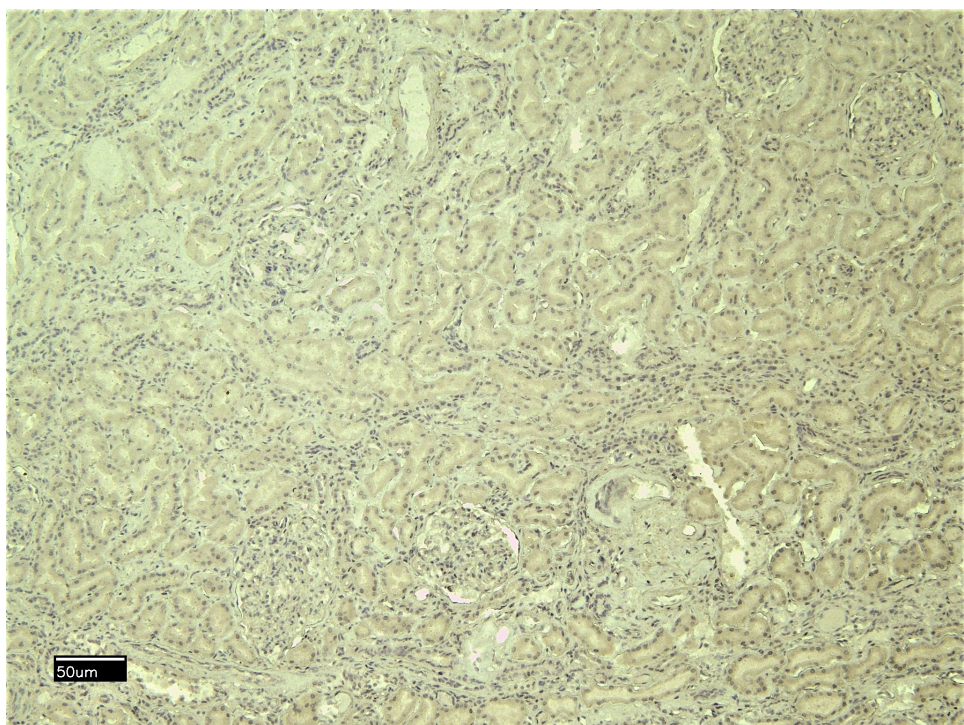
EB06088 (0.003 $\mu$ g/ml) staining of K562 (A), nuclear Jurkat (B), KNRK (C) and (0.001 $\mu$ g/ml) NIH3T3 (D) cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB06088 (0.01 $\mu$ g/ml) staining of Mouse Ovary lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB06088 (6µg/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06088 Negative Control showing staining of paraffin embedded Human Kidney , with no primary antibody.