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**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 (0.003µg/ml) staining of K562 (A), nuclear Jurkat (B), KNRK (C) and (0.001ug/ml) NIH3T3 (D) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06088 (0.01µg/ml) staining of Mouse Ovary lysate (35µg 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.