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Research Use Only. Not for diagnostic or therapeutic use.

EB10498 - Goat Anti-PCBP1 (aa234-247) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: alpha-CP1, heterogeneous nuclear ribonucleoprotein E1,

heterogenous nuclear ribonucleoprotein E1, heterogenous nuclear ribonucleoprotein X, hnRNP-E1, hnRNP-X, HNRPE1, HNRPX, nucleic acid binding protein sub 2.3, poly(rC)

binding protein 1, PCBP1

Official Symbol: PCBP1

Accession Number(s): CAA55016.1

Human GeneID(s): 5093

Non-Human GenelD(s): 23983 (mouse), 500242 (rat)

Immunogen

Peptide with sequence C-ADLAKLNQVARQQSH, from the internal region of the protein sequence according to CAA55016.1.

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 1:32000.

Western blot: Approx 38kDa band observed in lysates of cell line HeLa and in Human Placenta lysates (calculated MW of 37.5kDa according to NP_006187.2). Recommended

concentration: 0.01-0.03µg/ml.

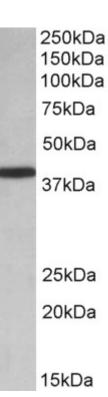
IHC: Paraffin embedded Human Lung (respiratory epithelium). Recommended

concentration: 5µg/ml.

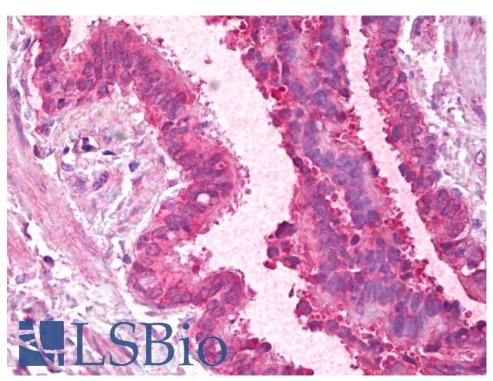
Species Reactivity

Tested: Human

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



EB10498 ($0.01\mu g/ml$) staining of HeLa lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10498 (5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.