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

EB07927 - Goat Anti-PCBP4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PCBP4, poly(rC) binding protein 4, LIP4, MCG10, LYST-interacting protein, RNA binding protein MCG10, alphaCP-4 protein, poly(rC)-binding protein 4, alpha CP-4

Official Symbol: PCBP4

Accession Number(s): NP_065151.1; NP_127501.1; NP_127502.1; NP_127503.1

Human GeneID(s): [57060](#)

Non-Human GeneID(s): 59092 (mouse), 363133 (rat)

Important Comments: This antibody is expected to recognise all reported isoforms (NP_065151.1, NP_127501.1, NP_127502.1 and NP_127503.1).

Immunogen

Peptide with sequence C-NGSKKAERQKFSPY, from the C Terminus of the protein sequence according to NP_065151.1; NP_127501.1; NP_127502.1; NP_127503.1 .

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

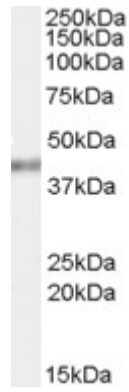
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx. 40kDa band observed in lysates of cell line HeLa (calculated MW of 41.4kDa according to NP_127502.1 and NP_127503.1). In transfected HEK293 transiently expressing PCBP4 a band of approx. 45kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 1-3µg/ml.

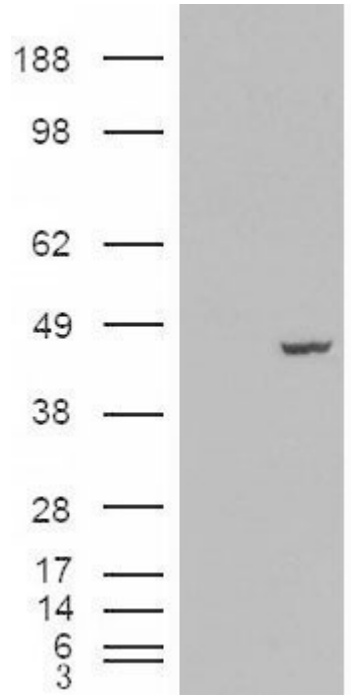
Species Reactivity

Tested: Human

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



EB07927 (0.03 μ g/ml) staining of HeLa cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



HEK293 overexpressing PCBP4 (RC200749) and probed with EB07927 (mock transfection in first lane), tested by Origene.