



## UK Office

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

## EB10497 - Goat Anti-PCBP1 (aa223-234) 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):** NP\_006187.2

**Human GeneID(s):** [5093](#)

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

### Immunogen

Peptide with sequence C-SIQGQHTISPLD, from the internal region of the protein sequence according to NP\_006187.2.

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 1:8000.

**Western blot:** Approx 38kDa band observed in Human Peripheral Blood Nucleocytes lysates (calculated MW of 37.5kDa according to NP\_006187.2). The 38kDa was also observed in Rat Spleen while a 37kDa band was observed in Rat Thymus.

Recommended concentration: 0.1-0.3µg/ml.

**Additional validation:** This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

### Species Reactivity

**Tested:** Human, Rat

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

### Specific Reference

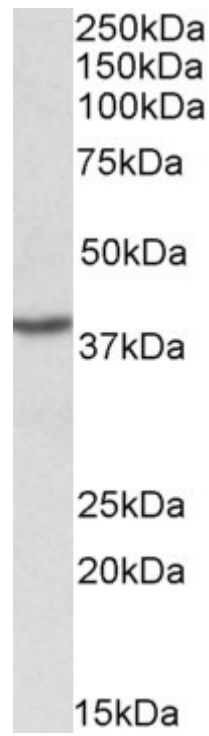
**This antibody has been successfully used in the following paper:**

Krzysztof Sikorski, Adi Mehta, Marit Inngjerdigen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen

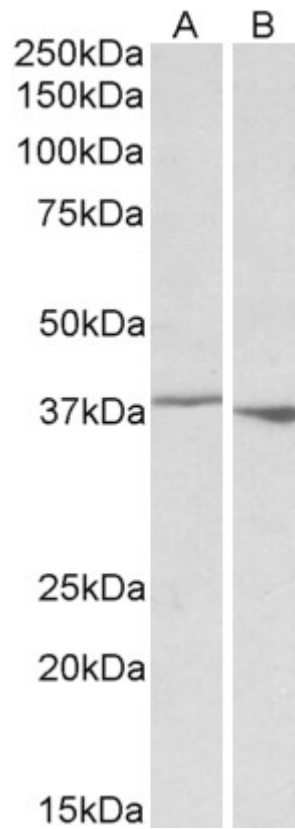
A high-throughput pipeline for validation of antibodies

Nat Methods. 2018 Nov;15(11):909-912

PMID: 30377371



EB10497 (0.1µg/ml) staining of PBMC lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10497 (0.1µg/ml) staining of Rat Spleen (A) and Thymus (B) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.