

## PCBP1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**37kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human PCBP1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PCBP1;HNRPE1;HNRPX;hnRNP-E1;hnRNP-X ;

**Background:**

hnRNP E1 is a member of the hnRNP family of proteins that are involved in pre-mRNA processing and mRNA export, localization, stability, and translation (1-6). hnRNP E1 exerts a wide range of biological functions, such as transcriptional activation of mouse MOR gene expression (7), attenuation of alternative splicing of GHR pseudoexon expression (8), stabilization of collagen I and II (9), beta-globin (10), and androgen receptor (11) mRNAs, and regulation of translation of various genes including Dab2, ILEI, and Bag-1 (12,13). hnRNP E1 is ubiquitously expressed. Phosphorylation of hnRNP E1 affects its RNA binding affinity (13,14).

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**Catalog #:**A1044

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5093

**Isotype:**IgG

**Swiss Prot:**Q15365

**Purity:**Affinity purification

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