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PCBP1 Antibody

Rabbit mAb
Catalog # AP92594

Product Information

Application	WB, IP
Primary Accession	Q15365
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Alpha-CP1; hnRNP E1; HNRPE1; HNRPX; PCBP1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	37498

Additional Information

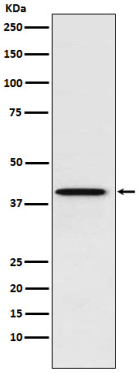
Dilution	WB 1:500~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PCBP1
Description	Single-stranded nucleic acid binding protein that binds preferentially to oligo dC.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PCBP1 {ECO:0000303|PubMed:7607214, ECO:0000312|HGNC:HGNC:8647}
Function	Single-stranded nucleic acid binding protein that binds preferentially to oligo dC (PubMed:15731341, PubMed:7556077, PubMed:7607214, PubMed:8152927). Together with PCBP2, required for erythropoiesis, possibly by regulating mRNA splicing (By similarity).
Cellular Location	Nucleus. Cytoplasm. Note=Loosely bound in the nucleus (PubMed:7607214). May shuttle between the nucleus and the cytoplasm (PubMed:7607214).
Tissue Location	Abundantly expressed in skeletal muscle, thymus and peripheral blood leukocytes while a lower expression is observed in prostate, spleen, testis, ovary, small intestine, heart, liver, adrenal and thyroid glands.

Images

Western blot analysis of PCBP1 expression in HeLa cell



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