

Mouse anti-Human PCBP1 Monoclonal Antibody | anti-PCBP1 antibody

PCBP1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48131	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PCBP1; Monoclonal Antibody; PCBP1 antibody; Poly (rC) binding protein 1; hnRNP-E1; hnRNP-X; HNRPE1; HNRPX; anti-PCBP1 antibody

PRODUCT SPECIFICATIONS

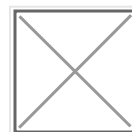
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	AT2A10
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	356
Applicable Applications for anti-PCBP1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human PCBP1 (1-163aa) purified from E. coli
Clone Note	Anti-human PCBP1 mAb, clone AT2A10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human PCBP1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of PCBP1 in MCF-7 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human PCBP1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of PCBP1 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human PCBP1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human PCBP1 antibody (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: HepG2 cell lysate Lane 3.: K562 cell lysate Lane 4.: 293T cell lysate Lane 5.: Jurkat cell lysate Lane 6.: MCF7 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PCBP1 antibody	PCBP-1 and PCBP-2 have paralogues (PCBP3 and PCBP4) which are thought to have arisen as a result of duplication events of entire genes. PCBP1 constitutes a set of polypeptides that contribute to mRNA transcription, pre-mRNA processing as well as mature mRNA transport to the cytoplasm and translation. It has also been implicated in translational control of the 15-lipoxygenase mRNA, human Papillomavirus type 16 L2 mRNA, and hepatitis A virus RNA.
Product Categories/Family for anti-PCBP1 antibody	Epigenomics
References	Beausoleil S.A., et al. (2006) Nat. Biotechnol. 24 (10):1285-1292; Leffers H., et al. (1995) Eur J Biochem 230 (2):447-53

NCBI AND UNIPROT INFORMATION

NCBI GI #	222352151
NCBI GeneID	5093
NCBI Accession #	NP_006187
NCBI GenBank Nucleotide #	NM_006196.3
UniProt Accession #	Q15365; Q13157; Q14975
Molecular Weight	37,498 Da
NCBI Official Full Name	poly(rC)-binding protein 1
NCBI Official Synonym Full Names	poly(rC) binding protein 1
NCBI Official Symbol	PCBP1
NCBI Official Synonym Symbols	HNRPX; HNRPE1; hnRNP-X; HEL-S-85; hnRNP-E1
NCBI Protein Information	poly(rC)-binding protein 1
UniProt Protein Name	Poly(rC)-binding protein 1
UniProt Gene Name	PCBP1
UniProt Synonym Gene Names	hnRNP E1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pcbp1-antibody-clone-at2a10-immunofluorescence-immunocytochemistry-western-blot-elisa/48131>