

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

CNBP antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48129	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

CNBP; Monoclonal Antibody; CNBP antibody; Cellular nucleic acid-binding protein; CNBP1; DM2; PROMM; RNF163; ZCCHC22; ZNF9; anti-CNBP antibody

PRODUCT SPECIFICATIONS

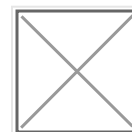
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	AT38F10
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	170
Applicable Applications for anti-CNBP antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human CNBP (1-170aa) purified from E. coli
Clone Note	Anti-human CNBP mAb, clone AT38F10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human CNBP 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 CNBP in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human CNBP antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of CNBP in MCF7 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human CNBP antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysate of 293T (30ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CNBP antibody (1:250 - 1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-CNBP antibody	CNBP is a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. It functions in cap-independent translation of ornithine decarboxylase mRNA, and may also function in sterol-mediated transcriptional regulation. A CCTG expansion in the first intron of this gene results in myotonic dystrophy type 2.
Product Categories/Family for anti-CNBP antibody	Epigenomics
References	McGrath CF, Buckman JS, et al. (2003). J Virol. 77 (15):8524-31.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187608750
NCBI GeneID	7555
NCBI Accession #	NP_001120668
NCBI GenBank Nucleotide #	NM_001127196.1
UniProt Accession #	P62633; P20694; Q4JGY0; Q4JGY1; Q5QJR0; A8K7V4; B2RAV9; B4DP17; D3DNB9; D3DNC0; D3DNC1; E9PDR7
Molecular Weight	18,871 Da
NCBI Official Full Name	cellular nucleic acid-binding protein isoform 6
NCBI Official Synonym Full Names	CCHC-type zinc finger nucleic acid binding protein
NCBI Official Symbol	CNBP
NCBI Official Synonym Symbols	DM2; ZNF9; CNBP1; PROMM; RNF163; ZCCHC22
NCBI Protein Information	cellular nucleic acid-binding protein
UniProt Protein Name	Cellular nucleic acid-binding protein
UniProt Gene Name	CNBP
UniProt Synonym Gene Names	RNF163; ZNF9; CNBP

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/cnbp-antibody-clone-at38f10-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48129>