

CNBP Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20285c**Specification**

CNBP Blocking Peptide (Center) - Product Information

Primary Accession [P62633](#)
Other Accession [P62634](#), [P53996](#), [O42395](#), [O3T0Q6](#),
[NP_001120665.1](#)

CNBP Blocking Peptide (Center) - Additional Information

Gene ID 7555

Other Names

Cellular nucleic acid-binding protein, CNBP, Zinc finger protein 9, CNBP, RNF163, ZNF9

Target/Specificity

The synthetic peptide sequence is selected from aa 106-118 of HUMAN CNBP

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CNBP Blocking Peptide (Center) - Protein Information

Name CNBP ([HGNC:13164](#))

Synonyms RNF163, ZNF9

Function

Single-stranded DNA-binding protein that preferentially binds to the sterol regulatory element (SRE) sequence 5'-GTGCGGTG-3', and thereby mediates transcriptional repression (PubMed:2562787). Has a role as transactivator of the Myc promoter (By similarity). Binds single-stranded RNA in a sequence-specific manner (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P53996}. Cytoplasm. Endoplasmic reticulum {ECO:0000250|UniProtKB:P53996} [Isoform 2]: Cytoplasm [Isoform 5]: Cytoplasm [Isoform 8]: Cytoplasm

Tissue Location

Expressed in the liver, kidney, spleen, testis, lung, muscle and adrenal glands.

CNBP Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CNBP Blocking Peptide (Center) - Images**CNBP Blocking Peptide (Center) - Background**

This gene encodes a nucleic-acid binding protein with seven zinc-finger domains. The protein has a preference for binding single stranded DNA and RNA. The protein 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. Multiple transcript variants encoding different isoforms have been found for this gene.

CNBP Blocking Peptide (Center) - References

Catalli, C., et al. J Mol Diagn 12(5):601-606(2010)
Massa, R., et al. Neuropathol. Appl. Neurobiol. 36(4):275-284(2010)
Sammons, M.A., et al. PLoS ONE 5 (2), E9301 (2010) :
Lucchiari, S., et al. J. Neurol. Sci. 275 (1-2), 159-163 (2008) :
Auvinen, S., et al. Arthritis Rheum. 58(11):3627-3631(2008)