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CNBP Polyclonal Antibody

Catalog No	YP-Ab-06492
lsotype	lgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	CNBP RNF163 ZNF9
Protein Name	Cellular nucleic acid-binding protein (CNBP) (Zinc finger protein 9)
Immunogen	Synthesized peptide derived from human protein . at AA range: 60-140
Specificity	CNBP Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	19kD
Cell Pathway	Nucleus . Cytoplasm . Endoplasmic reticulum .; [Isoform 1]: Cytoplasm .; [Isoform 2]: Cytoplasm .; [Isoform 4]: Cytoplasm .; [Isoform 5]: Cytoplasm .; [Isoform 6]: Cytoplasm .; [Isoform 8]: Cytoplasm .
Tissue Specificity	Expressed in the liver, kidney, spleen, testis, lung, muscle and adrenal glands.
Function	disease:Defects in CNBP are the cause of myotonic dystrophy 2 (DM2) [MIM:602668]; also known as proximal myotonic myopathy (PROMM). DM2 is an autosomal dominant neurodegenerative disorder characterized by myotonia. DM2 is caused by a CCTG expansion (mean approximately 5000 repeats) located in intron 1 of the CNBP gene.,function:Single stranded DNA-binding protein, with specificity to the sterol regulatory element (SRE). Involved in sterol-mediated repression.,similarity:Contains 7 CCHC-type zinc fingers.,tissue specificity:Present in all tissues examined.,
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 from &It30 repeats to 75-11000 repeats in the first intron of this gene results in myotonic dystrophy type 2. Multiple transcript variants encoding



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different isoforms have been found for this gene. [provided by RefSeq, Jul 2016],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

