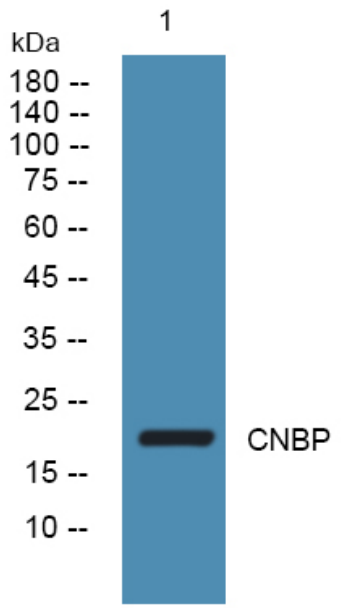
CNBP Polyclonal Antibody

Catalog No	YP-Ab-06492
Isotype	IgG
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 <30 repeats to 75-11000 repeats 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. [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.

Products Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night