

## Rabbit CNBP Polyclonal Antibody | anti-CNBP antibody

CNBP antibody - N-terminal region

|                               |                       |                                                                 |                                     |
|-------------------------------|-----------------------|-----------------------------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA197887</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Dog, Guinea Pig, Human, Mouse, Rabbit, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------------|-------------------------------------|

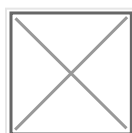
### PRODUCT SYNONYMS

CNBP; Polyclonal Antibody; CNBP antibody - N-terminal region; anti-CNBP antibody

### PRODUCT SPECIFICATIONS

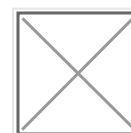
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Dog, Guinea Pig, Human, Mouse, Rabbit, Rat                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: SS NECFKCGRSG HWARECPTGG GRGRGMRSRG RGGFTSDRGF QFVSSSLP                                                  |
| Sequence Length                                | 177                                                                                                                                                   |
| Applicable Applications for anti-CNBP antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%                                                                        |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human CNBP                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



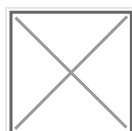
#### WB (Western Blot)

WB Suggested Anti-CNBP Antibody Titration: 0.2-1 ug/mL  
ELISA Titer: 1:2500  
Positive Control: Human brain



#### WB (Western Blot)

Host: Rabbit  
Target Name: CNBP  
Sample Tissue: Human 293T Whole Cell  
Antibody Dilution: 1ug/ml



#### WB (Western Blot)

CNBP antibody - N-terminal region validated by WB using human primary myoblasts at 1:1000.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CNBP antibody | <p>This is a rabbit polyclonal antibody against CNBP. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: CNBP is 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.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.</p> |
| Product Categories/Family for anti-CNBP antibody   | Polyclonal; Transcription Factor; Transcription Regulation; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions; Transcription Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 4827071                                            |
| NCBI GeneID                      | 7555                                               |
| NCBI Accession #                 | NP_003409                                          |
| NCBI GenBank Nucleotide #        | NM_003418                                          |
| UniProt Accession #              | P62633                                             |
| Molecular Weight                 | 19kDa                                              |
| NCBI Official Full Name          | cellular nucleic acid-binding protein isoform 3    |
| 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                                 |
| UniProt Entry Name               | CNBP_HUMAN                                         |

**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.