

## Rabbit CREBBP Polyclonal Antibody | anti-CREBBP antibody

CREBBP Polyclonal Antibody

|                              |                       |                                        |                                     |
|------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA28210</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------|----------------------------------------|-------------------------------------|

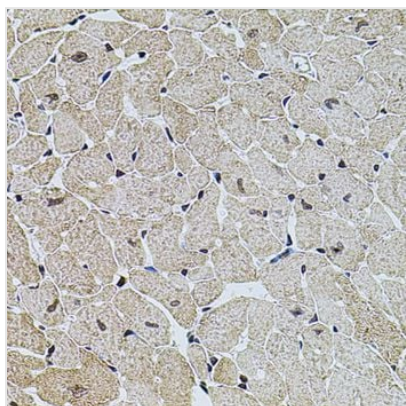
### PRODUCT SYNONYMS

CREBBP; Polyclonal Antibody; CREBBP Polyclonal Antibody; anti-CREBBP antibody

### PRODUCT SPECIFICATIONS

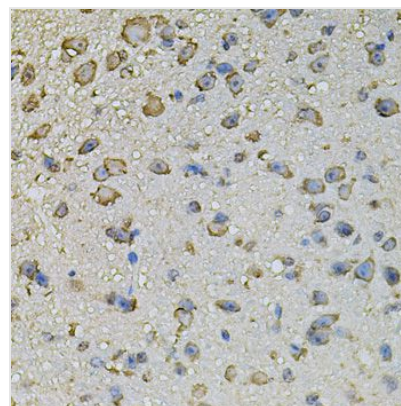
|                                                  |                                                                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                          |
| Reactivity                                       | Human, Mouse, Rat                                                                                               |
| Clonality                                        | Polyclonal                                                                                                      |
| Isotype                                          | IgG                                                                                                             |
| Purity/Purification                              | Affinity Purification                                                                                           |
| Sequence Length                                  | 2,404                                                                                                           |
| Applicable Applications for anti-CREBBP antibody | WB (Western Blot)                                                                                               |
| Application Notes                                | WB 1:500 - 1:2000                                                                                               |
| Immunogen                                        | Recombinant Protein                                                                                             |
| Immunogen                                        | Recombinant protein of human CREBBP                                                                             |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



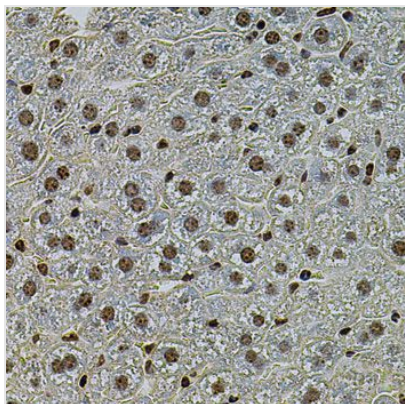
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse heart using CREBBP antibody at dilution of 1:100 (40x lens).



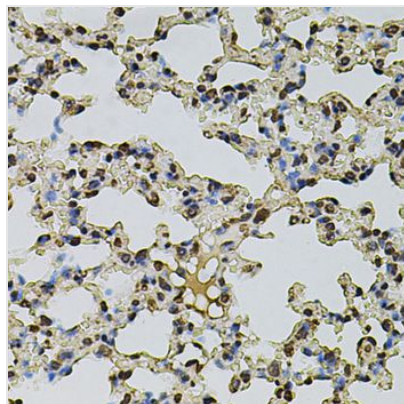
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse brain using CREBBP antibody at dilution of 1:100 (40x lens).



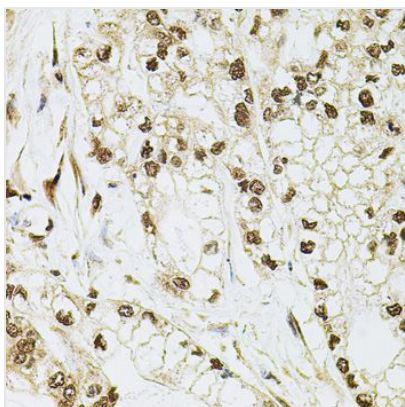
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse liver using CREBBP antibody at dilution of 1:100 (40x lens).



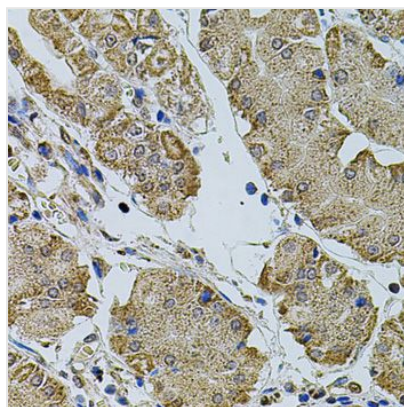
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using CREBBP antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using CREBBP antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using CREBBP antibody at dilution of 1:100 (40x lens).

## ADDITIONAL INFORMATION

### Related Product Information for anti-CREBBP antibody

CBP (CREB-binding protein) and p300 are highly conserved and functionally related transcriptional co-activators that associate with transcriptional regulators and signaling molecules, integrating multiple signal transduction pathways with the transcriptional machinery (1,2). CBP/p300 also contain histone acetyltransferase (HAT) activity, allowing them to acetylate histones and other proteins (2). Phosphorylation of p300 at Ser89 by PKC represses its transcriptional activity, and phosphorylation at the same site by AMPK disrupts the association of p300 with nuclear receptors (3,4). Ser1834 phosphorylation of p300 by Akt disrupts its association with C/EBPbeta (5). Growth factors induce phosphorylation of CBP at Ser437, which is required for CBP recruitment to the transcription complex (6). CaM kinase IV phosphorylates CBP at Ser302, which is required for CBP-dependent transcriptional activation in the CNS (7). The role of acetylation of CBP/p300 is of particular interest (2,8). Acetylation of p300 at Lys1499 has been demonstrated to enhance its HAT activity and affect a wide variety of signaling events (9).

## NCBI AND UNIPROT INFORMATION

|                           |                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                 | <a href="#">119943102</a>                                                                                                  |
| NCBI GeneID               | <a href="#">1387</a>                                                                                                       |
| NCBI Accession #          | <a href="#">NP_001073315.1</a>                                                                                             |
| NCBI GenBank Nucleotide # | <a href="#">NM_001079846.1</a>                                                                                             |
| UniProt Accession #       | <a href="#">Q92793</a> ; <a href="#">O00147</a> ; <a href="#">Q16376</a> ; <a href="#">Q4LE28</a> ; <a href="#">D3DUC9</a> |
| Molecular Weight          | 265.44kDa                                                                                                                  |
| NCBI Official Full Name   | CREB-binding protein isoform b                                                                                             |

|                                  |                      |
|----------------------------------|----------------------|
| NCBI Official Synonym Full Names | CREB binding protein |
| NCBI Official Symbol             | CREBBP               |
| NCBI Official Synonym Symbols    | CBP; RSTS; KAT3A     |
| NCBI Protein Information         | CREB-binding protein |
| UniProt Protein Name             | CREB-binding protein |
| UniProt Gene Name                | <b>CREBBP</b>        |
| UniProt Synonym Gene Names       | CBP                  |
| UniProt Entry Name               | CBP_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crebbp-antibody-western-blot-elisa/28210>