

## Rabbit anti-Human, Mouse CHCHD3 Polyclonal Antibody | anti-CHCHD3 antibody

CHCHD3 Antibody

|                               |                       |                                   |                                                                  |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA231844</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

CHCHD3; Polyclonal Antibody; CHCHD3 Antibody; MICOS complex subunit MIC19; Coiled-coil-helix-coiled-coil-helix domain-containing protein 3; MIC19; MINOS3; anti-CHCHD3 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Human, Mouse                                                                                                   |
| Clonality                                        | Polyclonal                                                                                                     |
| Isotype                                          | IgG                                                                                                            |
| Purity/Purification                              | Antigen Affinity Purified                                                                                      |
| Form/Format                                      | Liquid                                                                                                         |
| Sequence Length                                  | 232                                                                                                            |
| Applicable Applications for anti-CHCHD3 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                          | Human                                                                                                          |
| Immunogen                                        | Recombinant human MICOS complex subunit MIC19 protein (1-227AA)                                                |
| Conjugate                                        | Non-conjugated                                                                                                 |
| Buffer                                           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                           | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-164059                                 |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231844 at dilution of 1:100



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA231844 at dilution of 1:100



#### WB (Western Blot)

Western blotAll lanes: CHCHD3 antibody at 0.56 ug/mL  
Lane 1: Mouse heart tissue  
Lane 2: Mouse kidney tissue  
Lane 3: Mouse lung tissue  
Lane 4: Human placenta tissue  
Lane 5: A549 whole cell lysate  
Lane 6: HepG-2 whole cell lysate  
Lane 7: 293T whole cell lysate  
Lane 8: Jurkat whole cell lysate  
Lane 9: Hela whole cell lysate  
SecondaryGoat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 26 kDa  
Observed band size: 26,22 kDa

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CHCHD3 antibody | Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Has also been shown to function as a transcription factor which binds to the BAG1 promoter and represses BAG1 transcription. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:25781180). |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 953768340                                               |
| NCBI GeneID                      | 54927                                                   |
| NCBI Accession #                 | NP_001304106.1                                          |
| NCBI GenBank Nucleotide #        | NM_001317177.1                                          |
| UniProt Accession #              | Q9NX63                                                  |
| Molecular Weight                 | 26,152 Da                                               |
| NCBI Official Full Name          | MICOS complex subunit MIC19 isoform 1                   |
| NCBI Official Synonym Full Names | coiled-coil-helix-coiled-coil-helix domain containing 3 |
| NCBI Official Symbol             | CHCHD3                                                  |
| NCBI Official Synonym Symbols    | Mic19; MINOS3; PPP1R22                                  |
| NCBI Protein Information         | MICOS complex subunit MIC19                             |
| UniProt Protein Name             | MICOS complex subunit MIC19                             |
| UniProt Gene Name                | CHCHD3                                                  |
| UniProt Synonym Gene Names       | MIC19; MINOS3                                           |
| UniProt Entry Name               | MIC19_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/chchd3-antibody-immunohistochemistry-western-blot-elisa/231844>