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

CHCHD3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231388	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

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 (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231388 at dilution of 1:100

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human liver tissue using AAA231388 at dilution of 1:100

WB (Western Blot)
Western blotAll lanes: CHCHD3 antibody at 1.67 ug/mlLane 1: Mouse kidney tissueLane 2: Mouse lung tissueLane 3: Human placenta tissueLane 4: A549 whole cell lysateLane 5: HepG-2 whole cell lysateLane 6: 293T whole cell lysateLane 7: Jurkat whole cell lysateLane 8: Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 26 kDaObserved 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).

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/231388