

Mouse anti-Human, Mouse CHD3 Antibody | anti-CHD3 antibody

CHD3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108750	Mouse	Human, Mouse	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CHD3; CHD3 Antibody; ZFH; Mi-2a; Mi2-ALPHA; anti-CHD3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	2G4
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	2059
Applicable Applications for anti-CHD3 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CHD3 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



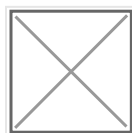
IF (Immunofluorescence)

Figure 3: Immunofluorescence analysis of HeLa cells using CHD3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded colon cancer tissues using CHD3 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1: Western blot analysis using CHD3 mouse mAb against HeLa (1), K562 (2), Jurkat (3), NTERA-2 (4), HEK293 (5), Raji (6) cell lysate and mouse brain (7) tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CHD3 antibody

This gene encodes a member of the CHD family of proteins which are characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. This protein is one of the components of a histone deacetylase complex referred to as the Mi-2/NuRD complex which participates in the remodeling of chromatin by deacetylating histones. Chromatin remodeling is essential for many processes including transcription. Autoantibodies against this protein are found in a subset of patients with dermatomyositis. Three alternatively spliced transcripts encoding different isoforms have been described.

Product Categories/Family for anti-CHD3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biology; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158420731
NCBI GeneID	1107
NCBI Accession #	NP_001005271.2
NCBI GenBank Nucleotide #	NM_001005271.2
UniProt Accession #	Q12873; Q9Y4I0; D3DTQ9; E9PG89
Molecular Weight	226kDa
NCBI Official Full Name	chromodomain-helicase-DNA-binding protein 3 isoform 3
NCBI Official Synonym Full Names	chromodomain helicase DNA binding protein 3
NCBI Official Symbol	CHD3
NCBI Official Synonym Symbols	ZFH; Mi-2a; Mi2-ALPHA
NCBI Protein Information	chromodomain-helicase-DNA-binding protein 3
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 3
UniProt Gene Name	CHD3
UniProt Synonym Gene Names	CHD-3; hZFH

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/mouse-human-mouse-antibody/chd3/108750>