

KD-Validated Anti-Chromodomain helicase DNA binding protein 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2321

Product Information

Application	WB, ICC
Primary Accession	Q12873
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB1305
Calculated MW	226592
Gene Name	CHD3
Aliases	CHD3; Chromodomain Helicase DNA Binding Protein 3; ZFH; Chromodomain-Helicase-DNA-Binding Protein 3; Mi-2 Autoantigen 240 KDa Protein; ATP-Dependent Helicase CHD3; Zinc Finger Helicase; Mi2-ALPHA; Mi-2a; CHD-3; HZFH; Zinc-Finger Helicase (Snf2-Like); EC 3.6.4.12; MI2-ALPHA; Mi2-Alpha; EC 3.6.1; SNIBCPS; MI-2A
Immunogen	A synthesized peptide derived from human CHD3

Additional Information

Gene ID	1107
Other Names	Chromodomain-helicase-DNA-binding protein 3, CHD-3, 3.6.4.12, ATP-dependent helicase CHD3, Mi-2 autoantigen 240 kDa protein, Mi2-alpha, Zinc finger helicase, hZFH, CHD3

Protein Information

Name	CHD3
Function	ATP-dependent chromatin-remodeling factor that binds and distorts nucleosomal DNA (PubMed: 28977666). Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin (PubMed: 16428440 , PubMed: 28977666 , PubMed: 30397230 , PubMed: 9804427). Involved in transcriptional repression as part of the NuRD complex (PubMed: 27068747). Required for anchoring centrosomal pericentrin in both interphase and mitosis, for spindle organization and centrosome integrity (PubMed: 17626165).
Cellular Location	Nucleus, PML body. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Associates with centrosomes in interphase and mitosis (PubMed:17626165). Localizes to sites of DNA damage (PubMed:28977666)

Tissue Location

Widely expressed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.