

Rabbit anti-Human CHD3 Polyclonal Antibody | anti-CHD3 antibody

Rabbit anti-CHD3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211359	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CHD3; Polyclonal Antibody; Rabbit anti-CHD3 Antibody; Affinity Purified; Mi-2a; zinc finger helicase; zinc-finger helicase (Snf2-like); ZFH; Mi2-ALPHA; hZFH; chromodomain-helicase-DNA-binding protein 3; ATP-dependent helicase CHD3; CHD-3; mi-2 autoantigen 240 kDa protein; Chromodomain-helicase-DNA-binding protein 3; chromodomain helicase DNA binding protein 3; anti-CHD3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CHD3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1600 and 1650
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CHD3 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-CHD3 antibody AAA211359 (lot AAA211359-2) used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. CHD3 was also immunoprecipitated by a previous lot (lot AAA211359-1) of this antibody and by rabbit anti-CHD3 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human CHD3 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-CHD3 (Cat. No. AAA211359) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CHD3 antibody

CHD3 is a member of the CHD (chromodomain-helicase-DNA-binding) family of proteins that interacts with nucleosomes and plays a role in chromatin remodeling to modulate transcription. The members of the CHD family of proteins possess 3 common structural and functional domains: a chromodomain (chromatin organization modifier), an SNF2-like helicase/ATPase domain, and a C-terminal DNA-binding domain. CHD3 is a key component of the NuRD (nucleosomal remodeling) complex and directly interacts with histone deacetylases 1 and 2, ATR, and TRIM 27. Studies in several species suggest a role for CHD3 in the repression of developmental genes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158420733
NCBI GeneID	1107
NCBI Accession #	NP_001005273.1
NCBI GenBank Nucleotide #	NM_001005273
UniProt Accession #	Q12873; Q9Y4I0; D3DTQ9; E9PG89
Molecular Weight	233,037 Da
NCBI Official Full Name	Homo sapiens chromodomain helicase DNA binding protein 3 (CHD3), transcript variant 1, mRNA
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; ATP-dependent helicase CHD3; CHD-3; hZFH; mi-2 autoantigen 240 kDa protein; zinc finger helicase; zinc-finger helicase (Snf2-like)
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 3
UniProt Gene Name	CHD3
UniProt Synonym Gene Names	CHD-3; hZFH
UniProt Entry Name	CHD3_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/chd3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211359>