

Rabbit anti-Human, Mouse CHD4 Polyclonal Antibody | anti-CHD4 antibody

Rabbit anti-CHD4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211306	Rabbit	Human, Mouse	Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CHD4; Polyclonal Antibody; Rabbit anti-CHD4 Antibody; Affinity Purified; Mi-2b; Mi2-BETA; Mi-2 autoantigen 218 kDa protein; chromodomain-helicase-DNA-binding protein 4; CHD-4; ATP-dependent helicase CHD4; SIHIWES; Chromodomain-helicase-DNA-binding protein 4; chromodomain helicase DNA binding protein 4; anti-CHD4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
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-CHD4 antibody	ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
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 and mouse CHD4 by western blot. Samples: Whole cell lysate (50 ug) from MCF-7, HEK293T, HeLa, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CHD4 antibody AAA211306 (lot AAA211306-6) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IP (Immunoprecipitation)

Detection of human CHD4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CHD4 antibody AAA211306 (lot AAA211306-6) used for IP at 6 ug per reaction. CHD4 was also immunoprecipitated by a previous lot of this antibody (lot AAA211306-5) and rabbit anti-CHD4 antibody For blotting immunoprecipitated CHD4, AAA211306 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-CHD4 antibody

CHD4 is a helicase component of the nucleosome remodeling and deacetylase (NuRD) complex that functions to remodel chromatin and repress transcription. Outside of the NuRD complex, CHD4 can function as an activator of transcription in association with p300 histone acetyltransferase. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q14839 and from NCBI Entrez Gene (Gene ID: 1108)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	51599156
NCBI GeneID	1108
NCBI Accession #	NP_001264.2
NCBI GenBank Nucleotide #	NM_001273.2
UniProt Accession #	Q14839; Q8IXZ5
Molecular Weight	218,005 Da
NCBI Official Full Name	chromodomain-helicase-DNA-binding protein 4
NCBI Official Synonym Full Names	chromodomain helicase DNA binding protein 4
NCBI Official Symbol	CHD4
NCBI Official Synonym Symbols	Mi-2b; Mi2-BETA
NCBI Protein Information	chromodomain-helicase-DNA-binding protein 4; CHD-4; ATP-dependent helicase CHD4; Mi-2 autoantigen 218 kDa protein
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 4
UniProt Gene Name	CHD4
UniProt Synonym Gene Names	CHD-4
UniProt Entry Name	CHD4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/chd4-antibody-chromatin-immunoprecipitation-immunoprecipitation-western-blot-elisa/211306>