

Rabbit anti-Human, Mouse CHD1 Polyclonal Antibody | anti-CHD1 antibody

Anti-CHD1 Antibody, Rabbit Polyclonal

CATALOG # AAA254511	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	-----------------------------------	---

PRODUCT SYNONYMS

CHD1; Polyclonal Antibody; Anti-CHD1 Antibody; Rabbit Polyclonal; CHD1 Antibody; Rabbit PAb; Antigen Affinity Purified; chromodomain helicase DNA binding protein 1; anti-CHD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CHD1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CHD1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human CHD1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human CHD1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining CHD1 in mouse kidney with rabbit polyclonal antibody (1:300, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining CHD1 in human kidney with rabbit polyclonal antibody (1:300, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CHD1 antibody	The protein CHD1 is a member of the family of ATPase-dependent chromatin remodeling factors. CHD1, which recognizes trimethylated histone H3 lysine 4, has been implicated in transcriptional activation in organisms ranging from yeast to humans. The conserved chromatin remodeling and assembly factor CHD1 (chromodomains, helicase, DNA-binding domain) is present at active genes where it participates in histone turnover and recycling during transcription. CHD family member, CHD1 protein, also interacts with the influenza virus polymerase complex. CHD1 recognizes the H3K4me3 (histone 3 with a trimethyl group in lysine 4) histone modification, a hallmark of active chromatin. Downregulation of CHD1 causes a reduction in viral polymerase activity, viral RNA transcription, and the production of infectious particles. CHD1 associated with RNAP II and paralleled its degradation during infection with viruses that induce full or reduced degradation. Chromodomain helicase DNA-binding protein 1 (CHD1) is an ATP-dependent chromatin remodelling protein that is conserved throughout eukaryotes and has an ability to assemble and organise nucleosomes both in vitro and in vivo. The CHD1 gene, encoding the chromo-domain helicase DNA-binding protein-1, is one of the most frequently deleted genes in prostate cancer.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	239985588
NCBI GeneID	12648
NCBI Accession #	NP_031716.2
NCBI GenBank Nucleotide #	NM_007690.3
UniProt Accession #	P40201; Q14BJ0
Molecular Weight	196,385 Da
NCBI Official Full Name	chromodomain-helicase-DNA-binding protein 1
NCBI Official Synonym Full Names	chromodomain helicase DNA binding protein 1
NCBI Official Symbol	Chd1
NCBI Official Synonym Symbols	AI851787; AW555109; 4930525N21Rik
NCBI Protein Information	chromodomain-helicase-DNA-binding protein 1; CHD-1; ATP-dependent helicase CHD1
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 1
UniProt Gene Name	Chd1
UniProt Synonym Gene Names	Chd-1; CHD-1
UniProt Entry Name	CHD1_MOUSE

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/chd1-antibody-immunohistochemistry-elisa/254511>