

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

CHD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118709	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunohistochemistry, ELISA

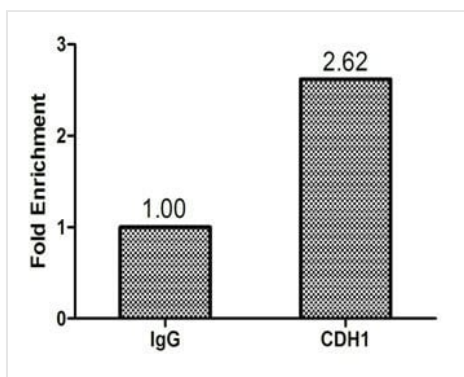
PRODUCT SYNONYMS

CHD1; Polyclonal Antibody; CHD1 Antibody; CHD-1; ATP-dependent helicase CHD1; anti-CHD1 antibody

PRODUCT SPECIFICATIONS

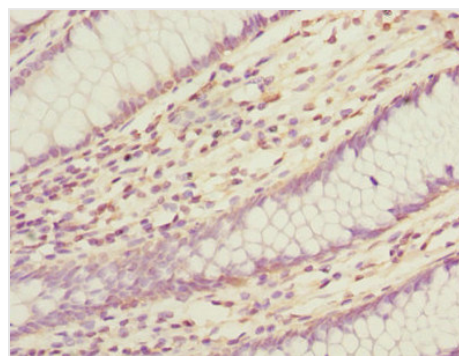
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	1710
Applicable Applications for anti-CHD1 antibody	ChIP (Chromatin immunoprecipitation), IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Chromodomain-helicase-DNA-binding protein 1 protein (1501-1710aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49810 / sc-49813 / sc-134751
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



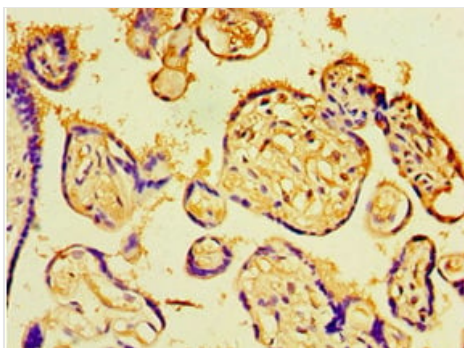
ChIP (Chromatin Immunoprecipitation)

Chromatin Immunoprecipitation HeLa(1.1¹⁰⁶)were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4ug anti-CDH1 or a control normal rabbit IgG . The resulting ChIP DNA was quantified using real-time PCR with primers against the RPL30 promoter.



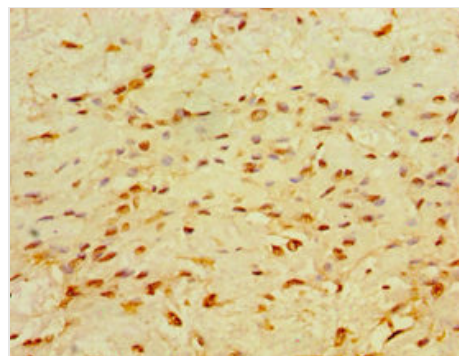
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA118709 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA118709 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA118709 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CHD1 antibody

ATP-dependent chromatin-remodeling factor which functions as substrate recognition component of the transcription regulatory histone acetylation (HAT) complex SAGA. Regulates polymerase II transcription. Also required for efficient transcription by RNA polymerase I, and more specifically the polymerase I transcription termination step. Regulates negatively DNA replication. Not only involved in transcription-related chromatin-remodeling, but also required to maintain a specific chromatin configuration across the genome. Is also associated with histone deacetylase (HDAC) activity (By similarity). Required for the bridging of SNF2, the FACT complex, the PAF complex as well as the U2 snRNP complex to H3K4me3. Functions to modulate the efficiency of pre-mRNA splicing in part through physical bridging of spliceosomal components to H3K4me3. Required for maintaining open chromatin and pluripotency in embryonic stem cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68299795
NCBI GeneID	1105
NCBI Accession #	NP_001261.2
NCBI GenBank Nucleotide #	NM_001270.2
UniProt Accession #	O14646; Q17RZ3
Molecular Weight	196,590 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 Protein Information	chromodomain-helicase-DNA-binding protein 1
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 1
UniProt Gene Name	CHD1
UniProt Synonym Gene Names	CHD-1
UniProt Entry Name	CHD1_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://www.aaabiotech.com/polyclonal/chd1-antibody-chromatin-immunoprecipitation-immunohistochemistry-elisa/118709>