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Datasheet for ABIN7147714
anti-CHD1 antibody (AA 1501-1710)

3 Images

Overview

Quantity:	100 µL
Target:	CHD1
Binding Specificity:	AA 1501-1710
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHD1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Recombinant Human Chromodomain-helicase-DNA-binding protein 1 protein (1501-1710AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CHD1
Alternative Name:	CHD1 (CHD1 Products)
Background:	Background: ATP-dependent chromatin-remodeling factor which functions as substrate recognition component of the transcription regulatory histone acetylation (HAT) complex

Target Details

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.

Aliases: ATP dependent helicase CHD 1 antibody, ATP-dependent helicase CHD1 antibody, CHD 1 antibody, CHD-1 antibody, Chd1 antibody, CHD1_HUMAN antibody, Chromodomain helicase DNA binding protein 1 antibody, Chromodomain-helicase-DNA-binding protein 1 antibody, DKFZp686E2337 antibody, OTTHUMP00000222625 antibody

UniProt: [O14646](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

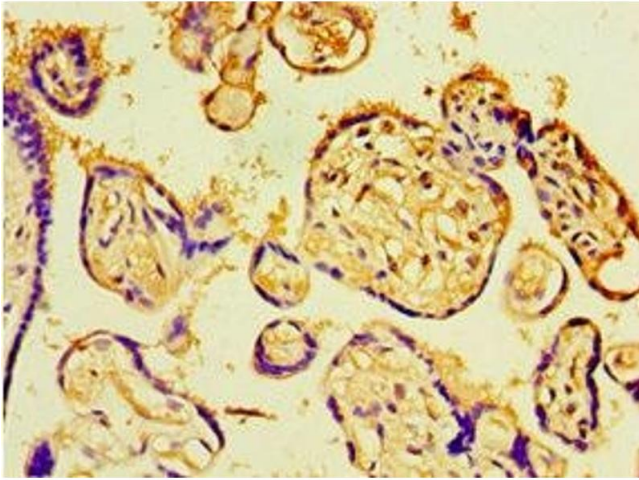
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

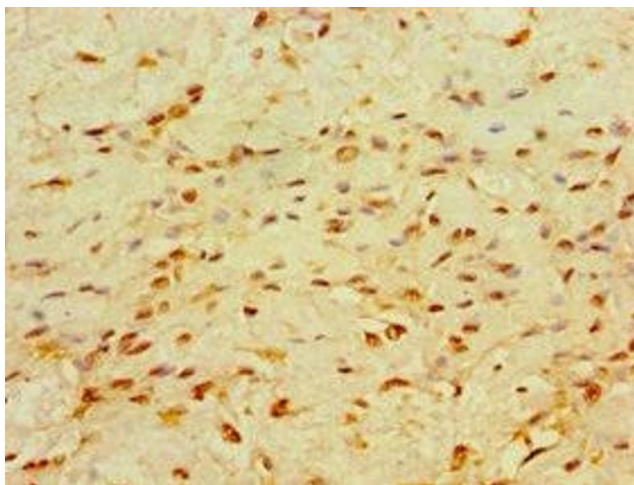
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



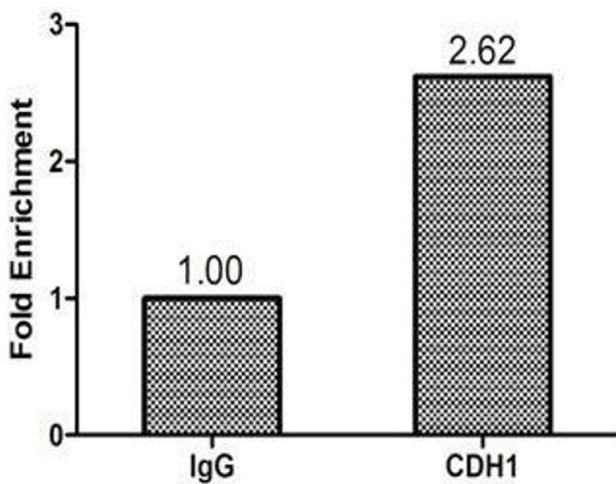
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7147714 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7147714 at dilution of 1:100



Immunohistochemistry

Image 3. Chromatin Immunoprecipitation Hela (1.1×10^6) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4 μ g anti-CDH1 or a control normal rabbit IgG. The resulting ChIP DNA was quantified tissue using real-time PCR with primers against the RPL30 promoter.