CHD1 Antibody

PACO43946

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC, ChIP

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:20-1:200

Protein Background:

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. 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.

Gene ID:

CHD1

Uniprot

O14646

Synonyms:

Chromodomain-helicase-DNA-binding protein 1 (CHD-1) (EC 3.6.4.12) (ATP-dependent helicase CHD1), CHD1

Immunogen:

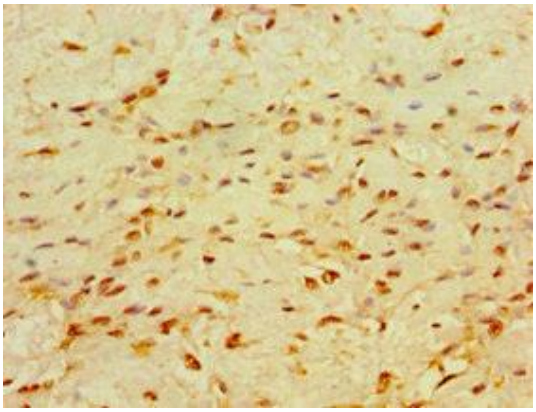
Recombinant Human Chromodomain-helicase-DNA-binding protein 1 protein (1501-1710AA).

Storage:

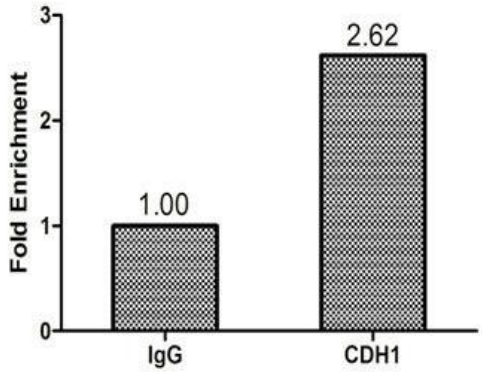
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

 info@assaygenie.com www.assaygenie.com

Product Images

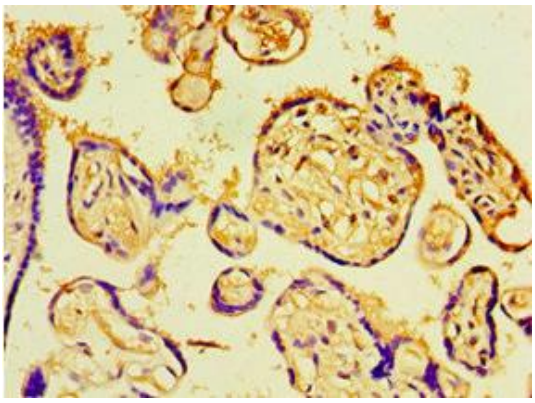


Immunohistochemistry of paraffin-embedded human breast cancer using PACO43946 at dilution of 1:100.



Chromatin Immunoprecipitation Hela (1.1*10^6

) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4µg anti-CDH1 or a control normal rabbit IgG. The resulting ChIP DNA was quantified tissue using real-time PCR with primers (PACO43946) against the RPL30 promoter.



Immunohistochemistry of paraffin-embedded human placenta tissue using PACO43946 at dilution of 1:100.

