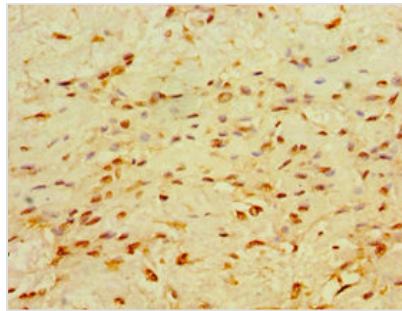


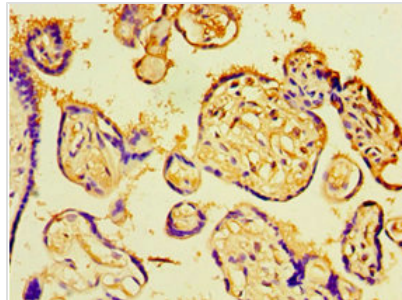


CHD1 Antibody

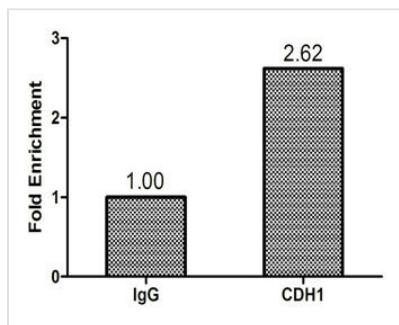
Product Code	CSB-PA005325ESR2HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O14646
Immunogen	Recombinant Human Chromodomain-helicase-DNA-binding protein 1 protein (1501-1710AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, IHC, ChIP; Recommended dilution: IHC:1:20-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Chromodomain-helicase-DNA-binding protein 1 (CHD-1) (EC 3.6.4.12) (ATP-dependent helicase CHD1), CHD1
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	CHD1
Image	



Immunohistochemistry of paraffin-embedded human breast cancer using CSB-PA005325ESR2HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human placenta tissue using CSB-PA005325ESR2HU at dilution of 1:100



Chromatin Immunoprecipitation HeLa (1.1×10^6) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with $4\mu\text{g}$ anti-CDH1 or a control normal rabbit IgG. The resulting ChIP DNA was quantified tissue using real-time PCR with primers (CSB-PP005325HU) against the RPL30 promoter.