

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CHD1



Numéro de catalogue: 20576-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue:

20576-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_001270

Identification du gène (NCBI):

1105

Nom complet:

chromodomain helicase DNA binding protein 1

MW calculé

197 kDa

MW observés:

200 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:300-1:1000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

Applications

Applications testées:

IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB: cellules HeLa, cellules A431, cellules Jurkat, tissu cérébral humain

IP: cellules HeLa,

Informations générales

CHD1 belongs to the SNF2/RAD54 helicase family. CHD1 is an ATP-dependent chromatin-remodeling factor which functions as substrate recognition component of the transcription regulatory histone acetylation (HAT) complex SAGA. CHD1 regulates polymerase II transcription. It is required for efficient transcription by RNA polymerase I, and more specifically the polymerase I transcription termination step. CHD1 regulates negatively DNA replication. It is required to maintain a specific chromatin configuration across the genome. It is associated with histone deacetylase (HDAC) activity. CHD1 is required for the bridging of SNF2, the FACT complex, the PAF complex as well as the U2 snRNP complex to H3K4me3. It functions to modulate the efficiency of pre-mRNA splicing in part through physical bridging of spliceosomal components to H3K4me3. It is required for maintaining open chromatin and pluripotency in embryonic stem cells. In PTEN-deficient prostate and breast cancers, CHD1 depletion profoundly and specifically suppressed cell proliferation, cell survival and tumorigenic potential. The antibody is specific to CHD1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jun Zhu	31667976	Cell Prolif	WB
Peter Rüthemann	29018037	EMBO J	WB
Alexandra Wille	26635563	Front Behav Neurosci	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

*** Les 20ul contiennent 0,1% de BSA.

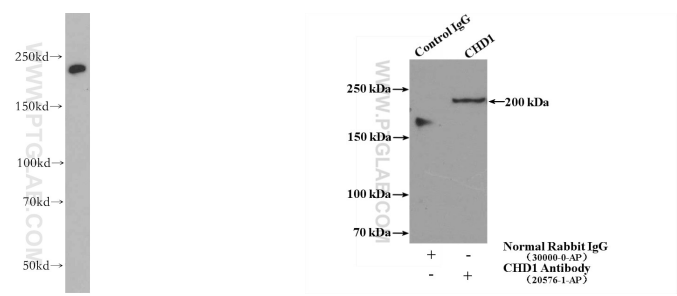
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 20576-1-AP (CHD1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

IP Result of anti-CHD1 (IP:20576-1-AP, 4ug; Detection:20576-1-AP 1:300) with HeLa cells lysate 1600ug.