

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HDAC4



Numéro de catalogue: 17449-1-AP

Phare

26 Publications

Informations de base

Numéro de catalogue:

17449-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG11572

Numéro d'acquisition GenBank:

BC039904

Identification du gène (NCBI):

9759

Nom complet:

histone deacetylase 4

MW calculé

972 aa, 106 kDa

MW observés:

119-140 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

ChIP, CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB: cellules Jurkat, cellules HEK-293, cellules HEK-293T, cellules HeLa

IP: cellules HeLa,

IHC: tissu rénal humain, tissu de cancer du col de l'utérus humain

Informations générales

HDAC4, also named as HDAC4, belongs to the histone deacetylase family. HDAC4 is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. HDAC4 is involved in muscle maturation via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D. This antibody is a rabbit polyclonal antibody raised against an internal region of human HDAC4. The calculated molecular weight of HDAC4 is 106 kDa, but modified HDAC4 is about 140 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Aiwen Jiang	34694913	Mol Cell Biol	WB
Bin He	30443188	Int J Biol Sci	WB
Wanxin Shi	33019979	Biochem Biophys Res Commun	IF

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.

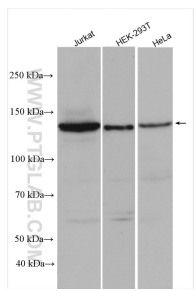
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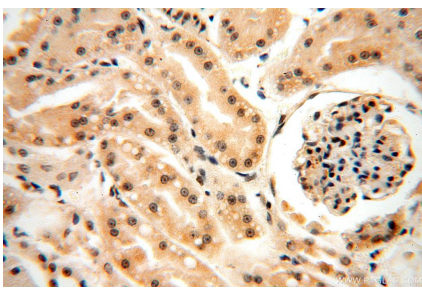
E: proteintech@ptglab.com
W: ptglab.com

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

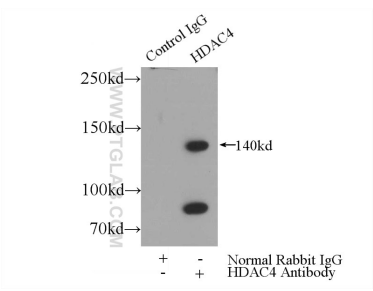
Données de validation sélectionnées



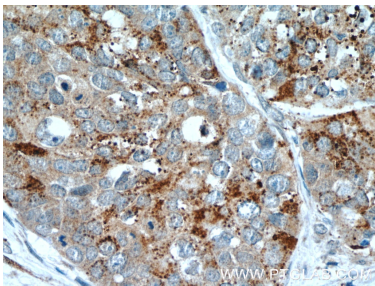
Various lysates were subjected to SDS PAGE followed by western blot with 17449-1-AP (HDAC4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 17449-1-AP (HDAC4 antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-HDAC4 (IP:17449-1-AP, 4ug; Detection:17449-1-AP 1:500) with HeLa cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 17449-1-AP (HDAC4 Antibody) at dilution of 1:50 (under 40x lens).