

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HDAC4-specific



Numéro de catalogue: 16165-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:
16165-1-AP

Taille:
150ul, Concentration: 700 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
BC039904

Identification du gène (NCBI):
9759

Nom complet:
histone deacetylase 4

MW calculé
119 kDa

MW observés:
119-140 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HepG2

IP : cellules HeLa,

IHC : tissu de tumeur ovarienne humain, tissu de cancer du poumon humain

Informations générales

HDAC4, also named as HDACA, 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 a peptide mapping within human HDAC4.

Publications notables

Autrice	Pubmed ID	Journal	Application
Bin Sun	36439629	J Orthop Translat	WB
Yoshihiko Kobayashi	32661339	Nat Cell Biol	IF
Yuan Ji-hang JH	21837748	Hepatology	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 -20C

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

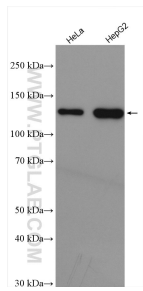
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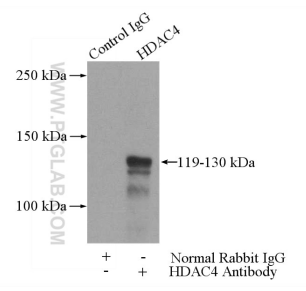
E: proteintech@ptglab.com
W: ptglab.com

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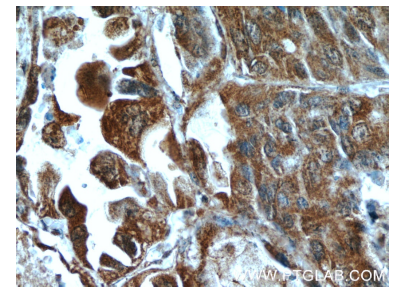
Données de validation sélectionnées



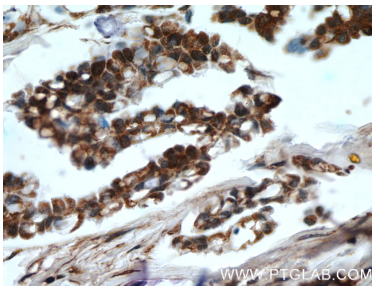
Various lysates were subjected to SDS PAGE followed by western blot with 16165-1-AP (HDAC4-specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP Result of anti-HDAC4-specific (IP:16165-1-AP, 4ug; Detection:16165-1-AP 1:500) with HeLa cells lysate 2440ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 16165-1-AP (HDAC4-specific Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 16165-1-AP (HDAC4-specific Antibody) at dilution of 1:50 (under 40x lens).