

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HDAC3



Numéro de catalogue: 10255-1-AP

Phare

40 Publications

Informations de base

Numéro de catalogue:

10255-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0396

Numéro d'acquisition GenBank:

BC000614

Identification du gène (NCBI):

8841

Nom complet:

histone deacetylase 3

MW calculé

49 kDa

MW observés:

49 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

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

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

ChIP, CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules A431, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HL-60, cellules Jurkat, cellules K-562, cellules U-251

IP : cellules A431,

IHC : tissu de tumeur ovarienne humain,

IF : cellules K-562,

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.

Informations générales

Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. Histone deacetylase (HDAC) and histone acetyltransferase (HAT) are enzymes that regulate transcription by selectively deacetylating or acetylating the (-amino groups of lysines located near the amino termini of core histone proteins. At least 4 classes of HDAC were identified. HDAC3 is a class I HDAC. HDAC3 has histone deacetylase activity and may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. HDAC3 can also down-regulate p53 function and thus modulate cell growth and apoptosis. The gene encoding HDAC3 is regarded as a potential tumor suppressor gene. This antibody is a rabbit polyclonal antibody raised against an internal region of human HDAC3.

Publications notables

Autrice	Pubmed ID	Journal	Application
Rui Han	36175803	Med Oncol	WB
Zhengrong Gu	36106389	J Clin Lab Anal	IHC
Hairui Yuan	25213552	Acta Physiol (Oxf)	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'aliquoteage n'est pas nécessaire pour le stockage à -20C

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

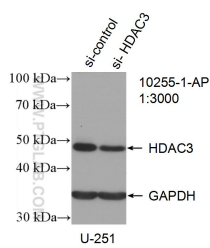
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

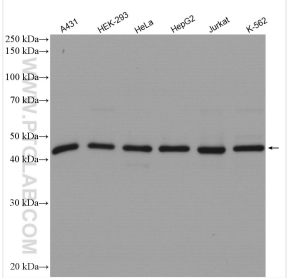
E: proteintech@ptglab.com
W: ptglab.com

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

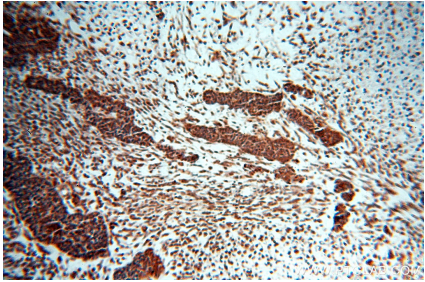
Données de validation sélectionnées



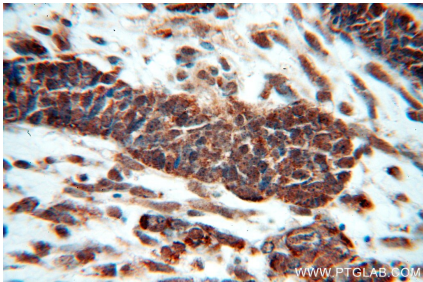
WB result of HDAC3 antibody (10255-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HDAC3 transfected U-251 cells.



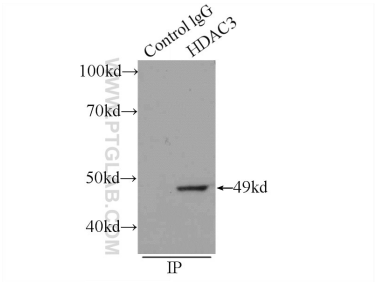
Various lysates were subjected to SDS PAGE followed by western blot with 10255-1-AP (HDAC3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



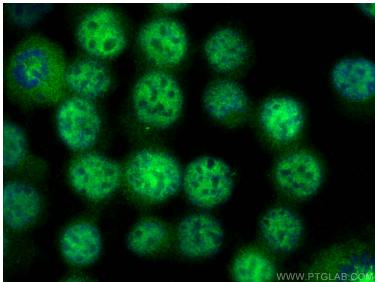
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10255-1-AP (HDAC3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 10255-1-AP (HDAC3 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-HDAC3 (IP:10255-1-AP, 3ug; Detection:10255-1-AP 1:300) with A431 cells lysate 1200ug.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using HDAC3 antibody (10255-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).