

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HDAC4



Numéro de catalogue: 29252-1-AP

Informations de base

Numéro de catalogue: 29252-1-AP	Numéro d'acquisition GenBank: BC039904	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 900 µg/ml by Nanodrop;	Identification du gène (NCBI): 9759	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: histone deacetylase 4	
Isotype: IgG	MW calculé: 972 aa, 106 kDa	
Immunogen Catalog Number: AG30752	MW observés: 120-140 kDa	

Applications

Applications testées:
IHC, WB, ELISA

Spécificité de l'espèce:
Humain

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 HEK-293T, cellules HeLa, cellules Jurkat

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

Informations générales

HDAC4 (Histone deacetylase 4) belongs to class II of the histone deacetylase/acuc/alpha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. Histone deacetylation gives a tag for epigenetic repression and plays a role in transcriptional regulation, cell cycle progression and developmental events. It is involved in muscle maturation by its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D. HDAC4 is required for TGFbeta1-induced myofibroblastic differentiation (PMID: 17610967). HDAC4 encoded by an allele associated with mental retardation is a gain-of-function nuclear repressor that abolishes transcription and synaptic transmission (PMID: 23141539).

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.

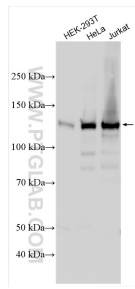
For technical support and original validation data for this product please contact:

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

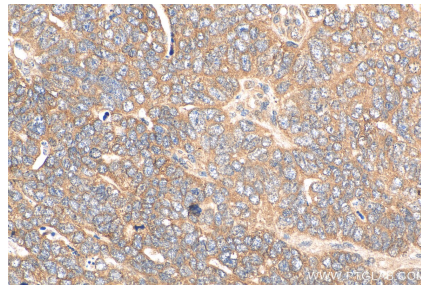
E: proteintech@ptglab.com
W: ptglab.com

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

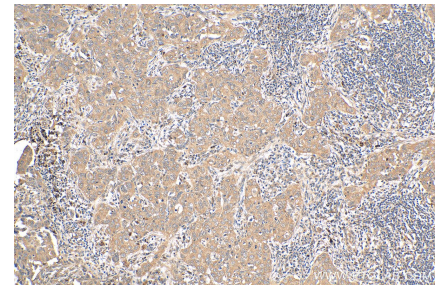
Données de validation sélectionnées



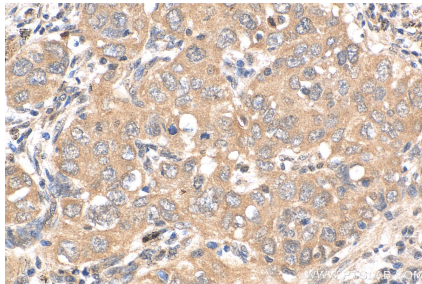
Various lysates were subjected to SDS PAGE followed by western blot with 29252-1-AP (HDAC4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



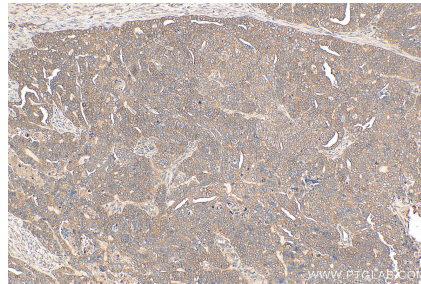
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 29252-1-AP (HDAC4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29252-1-AP (HDAC4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29252-1-AP (HDAC4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 29252-1-AP (HDAC4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).