

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HDAC6-specific



Numéro de catalogue: 16167-1-AP

2 Publications

Informations de base

Numéro de catalogue: 16167-1-AP	Numéro d'acquisition GenBank: BC005872	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 1300 µg/ml by Nanodrop and 547 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 10013	Dilutions recommandées: WB 1:200-1:1000 IHC 1:20-1:200
Hôte: Lapin	Nom complet: histone deacetylase 6	
Isotype: IgG	MW calculé: 131 kDa	
	MW observés: 130 kDa	

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : cellules MCF7, cellules HT-1080, cellules MCF-7 IHC : tissu cérébral de souris,
Demandes citées: IHC, WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: rat, 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.

Informations générales

Histone deacetylases (HDAC) are a class of enzymes that remove the acetyl groups from the lysine residues leading to the formation of a condensed and transcriptionally silenced chromatin. At least 4 classes of HDAC were identified. HDAC6 is a member of the class II mammalian histone deacetylases. It possesses two separate putative catalytic domains. Both catalytic domains are fully functional HDACs and contribute independently to the overall activity of HDAC6 protein. A very potent NES is present at the amino-terminus of HDAC6, which was found to play an important role in regulating the shuttling of HDAC6 protein between cytoplasm and nucleus. The shuttling process may be a critical regulatory mechanism of HDAC6 function. The expression of HDAC6 is tightly linked to the state of cell differentiation. HDAC6 may participate in coordinating expression of a group of genes involved in the remodelling of chromatin during cell differentiation. This antibody is specific to HDAC6. It does not cross react with other HDACs.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jiajie Tu	35279703	Oncogene	WB, IHC
He Min M	23480850	J Cell Mol Med	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.

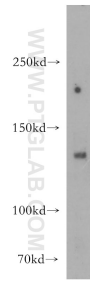
For technical support and original validation data for this product please contact:

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

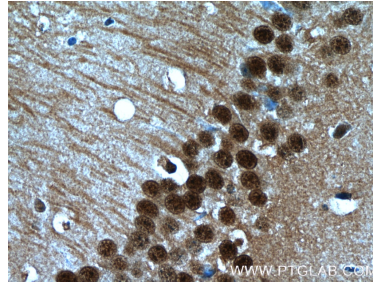
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



MCF7 cells were subjected to SDS PAGE followed by western blot with 16167-1-AP (HDAC6-specific antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16167-1-AP (HDAC6-specific antibody at dilution of 1:50 (under 40x lens).