

À des fins de recherche uniquement

Anticorps Monoclonal anti-HDAC5

Numéro de catalogue: 68437-1-Ig



Informations de base

Numéro de catalogue:	68437-1-Ig	Numéro d'acquisition GenBank:	NM_005474	Méthode de purification:	Purification par protéine A
Taille:	150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	10014	CloneNo.:	1B9E6
Hôte:	Mouse	Nom complet:	histone deacetylase 5	Dilutions recommandées:	WB 1:2000-1:10000
Isotype:	IgG2b	MW calculé	122 kDa		
Immunogen Catalog Number:	AG30557	MW observés:	140 kDa		

Applications

Applications testées:	WB, ELISA	Contrôles positifs:	WB : Saos-2 cells, cellules A2780, cellules HeLa, cellules T-47D
Spécificité de l'espèce:	Humain		

Informations générales

Histone acetylation and deacetylation alternately exposes and occludes DNA to transcription factors. At least 4 classes of HDAC were identified. HDAC5 is a class II HDAC. HDAC5 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. HDAC5 is involved in muscle maturation by repressing transcription of myocyte enhancer MEF2C. During muscle differentiation, HDAC5 shuttles into the cytoplasm, allowing the expression of myocyte enhancer factors.

Stockage

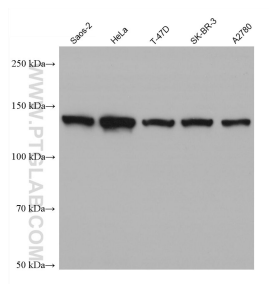
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** 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)
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68437-1-Ig (HDAC5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.