

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-KDM4A



Numéro de catalogue: 24943-1-AP

Phare

2 Publications

Informations de base

Numéro de catalogue:

24943-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop and 253 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG20747

Numéro d'acquisition GenBank:

BC002558

Identification du gène (NCBI):

9682

Nom complet:

lysine (K)-specific demethylase 4A

MW calculé

1064 aa, 121 kDa

MW observés:

55 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:200-1:1000

Applications

Applications testées:

WB, ELISA

Demandes citées:

ChIP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB: cellules NIH/3T3, cellules MCF-7

Informations générales

KDM4A also named as JHDM3A, JMJD2, or KIAA0677 is a 1066 amino acid protein, which contains one JmjC domain, two Tudor domains and two PHD-type zinc fingers. KDM4A localizes in nucleus and belongs to the JHDM3 histone demethylase family. KDM4A is histone de-methylase that specifically demethylates Lys 9 and Lys 36 residues of Histone H3, thereby playing a central role in histone code. JMJD2A demethylation of lysine residues will generate formaldehyde and succinate. KDM4A also participates in transcriptional repression of ASCL2 and E2F-responsive promoters via the recruitment of histone deacetylases and NCOR1, respectively. JMJD2A is a ubiquitously expressed nuclear protein. KDM4A exists as two isoforms. The short isoform of KDM4A in which the N-terminal demethylase domains has been deleted. The molecular weight of short isoform is 55Da.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tiantian Zhao	35197855	Front Pharmacol	WB
Ming Kong	31014673	Biochem Biophys Res Commun	WB, ChIP

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.

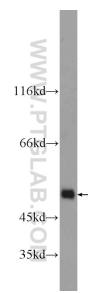
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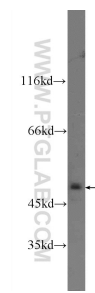
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 24943-1-AP (KDM4A Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



MCF-7 cells were subjected to SDS PAGE followed by western blot with 24943-1-AP (KDM4A Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.