

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-KDM4A



Numéro de catalogue: 29977-1-AP

Informations de base

Numéro de catalogue:

29977-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG31992

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:

130-150 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IP 0.5-4.0 ug for IP and 1:500-1:3000 for WB

Applications

Applications testées:

FC, IP, WB, ELISA

Spécificité de l'espèce:

Humain, souris

Contrôles positifs:

WB : cellules A549, cellules MCF-7, cellules MDA-MB-231, cellules NCL-H1299, tissu pulmonaire de souris

IP : cellules MCF-7, cellules A549

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.

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.

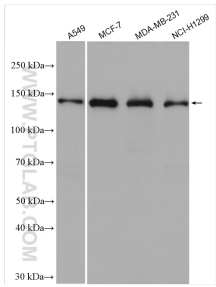
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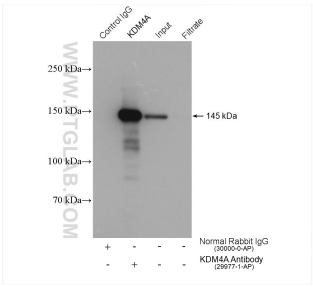
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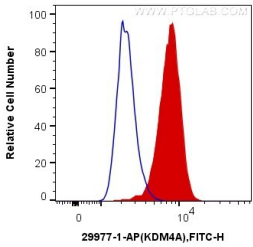
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 29977-1-AP (KDM4A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-KDM4A(IP:29977-1-AP, 4ug; Detection:29977-1-AP 1:1500) with MCF-7 cells lysate 2120 ug.



1X10⁶ A549 cells were intracellularly stained with 0.4 ug Anti-Human KDM4A (29977-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).