

KDM4A Polyklonaler Antikörper

Katalog-Nr.: 24943-1-AP

Vorgestelltes Produkt

2 Publikationen

Allgemeine Informationen

Katalog-Nr.:

24943-1-AP

Größe:

150ul, Konzentration: 450 µg/ml von Nanodrop und 253 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG20747

GenBank-Zugangsnummer:

BC002558

GeneID (NCBI):

9682

Vollständiger Name:

lysine (K)-specific demethylase 4A

Berechnete Masse:

1064 aa, 121 kDa

Beobachtete Masse:

55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:200-1:1000

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

chIP, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus

Positivkontrollen:

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

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Tiantian Zhao	35197855	Front Pharmacol	WB
Ming Kong	31014673	Biochem Biophys Res Commun	WB, chIP

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

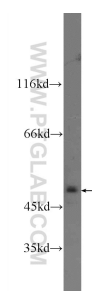
For technical support and original validation data for this product please contact:

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

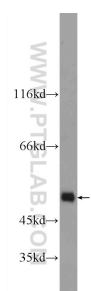
E: proteintech@ptglab.com
 W: ptglab.com

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

Ausgewählte Validierungsdaten



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.



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.