

Datasheet for ABIN7268330

anti-KDM5A antibody

4 Images

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Overview

Quantity:	100 µL
Target:	KDM5A
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This KDM5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP)

Product Details

Purpose:	KDM5A Rabbit mAb
Immunogen:	A synthesized peptide derived from human KDM5A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	KDM5A
Alternative Name:	KDM5A (KDM5A Products)
Background:	This gene encodes a member of the Jumonji, AT-rich interactive domain 1 (JARID1) histone

Target Details

demethylase protein family. The encoded protein plays a role in gene regulation through the histone code by specifically demethylating lysine 4 of histone H3. The encoded protein interacts with many other proteins, including retinoblastoma protein, and is implicated in the transcriptional regulation of Hox genes and cytokines. This gene may play a role in tumor progression. [provided by RefSeq, Aug 2013],RBBP-2, RBBP2, RBP2,Cell Biology & Developmental Biology,Epigenetic writers and erasers of core Histones,Epigenetic writers and erasers of core Histones_Demethylation,Epigenetics & Nuclear Signaling,Notch Signaling Pathway,Nuclear Receptor Signaling,Transcription Factors,KDM5A

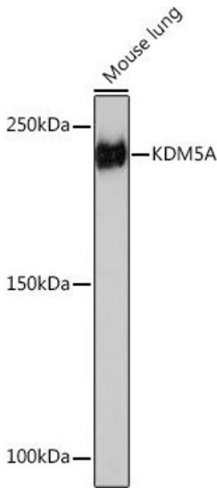
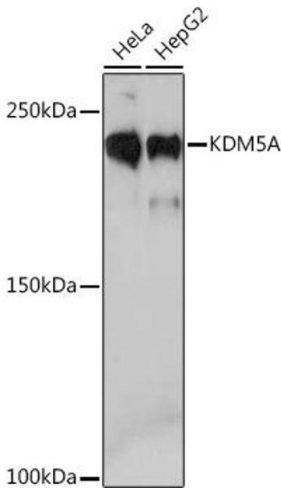
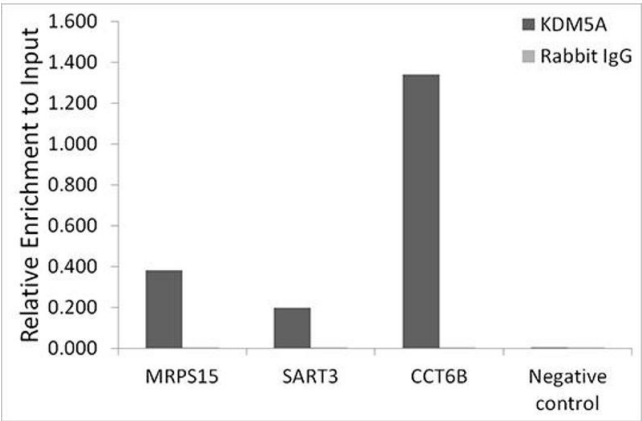
Molecular Weight:	192kDa
Gene ID:	5927
UniProt:	P29375
Pathways:	Chromatin Binding , Warburg Effect

Application Details

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:200,ChIP,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Chromatin Immunoprecipitation

Image 1. Chromatin immunoprecipitation analysis of extracts of HCT116 cells, using KDM5A antibody (ABIN7268330) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using KDM5A Rabbit mAb (ABIN7268330) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3 min.

Western Blotting

Image 3. Western blot analysis of extracts of Mouse lung, using KDM5A Rabbit mAb (ABIN7268330) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3 min.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7268330.