

Datasheet for ABIN6243759  
**anti-KDM6A antibody (AA 797-832)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	KDM6A
Binding Specificity:	AA 797-832
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM6A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This KDM6A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 797-832 amino acids from the Central region of human KDM6A.
Clone:	RB51279
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	KDM6A
Alternative Name:	KDM6A ( <a href="#">KDM6A Products</a> )
Background:	Histone demethylase that specifically demethylates 'Lys- 27' of histone H3, thereby playing a

## Target Details

central role in histone code. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-27'. Plays a central role in regulation of posterior development, by regulating HOX gene expression. Demethylation of 'Lys-27' of histone H3 is concomitant with methylation of 'Lys-4' of histone H3, and regulates the recruitment of the PRC1 complex and monoubiquitination of histone H2A.

Molecular Weight: 154177

UniProt: [O15550](#)

Pathways: [Tube Formation, Warburg Effect](#)

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

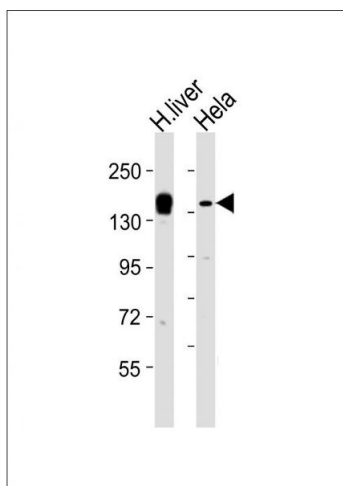
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C, -20 °C

Expiry Date: 6 months



### Western Blotting

**Image 1.** All lanes : Anti-KDM6A Antibody (Center) at 1:2000 dilution Lane 1: human liver lysates Lane 2: HeLa whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 154 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.