

Datasheet for ABIN6243760
anti-KDM6A antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	KDM6A
Binding Specificity:	AA 1041-1074, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM6A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This mouse Kdm6a antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1041-1074 amino acids from the C-terminal region of mouse Kdm6a.
Clone:	RB52352
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 (KDM6A Products)

Target Details

Background: Histone demethylase that specifically demethylates 'Lys- 27' of histone H3, thereby playing a 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 (By similarity).

Molecular Weight: 154355

UniProt: [O70546](#)

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

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

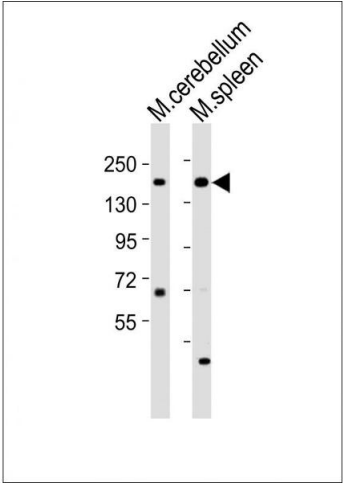
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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 (C-term) at 1:2000 dilution Lane 1: mouse cerebellum lysates Lane 2: mouse spleen 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.