

**KDM4B Rabbit mAb**  
Catalog # AP75651**Specification****KDM4B Rabbit mAb - Product Information**

Application	WB, IHC, IF
Primary Accession	<a href="#">O94953</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	121897

**KDM4B Rabbit mAb - Additional Information**

Gene ID 23030

**Other Names**

KDM4B

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

IF~~1/50-1/200

**Format**

Liquid

**KDM4B Rabbit mAb - Protein Information**

Name KDM4B

Synonyms JHDM3B, JMJD2B, KIAA0876

**Function**

Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys- 20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate (PubMed:<a href="http://www.uniprot.org/citations/16603238" target="\_blank">16603238</a>, PubMed:<a href="http://www.uniprot.org/citations/28262558" target="\_blank">28262558</a>). Plays a critical role in the development of the central nervous system (CNS).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00537, ECO:0000269|PubMed:15927959}

**KDM4B Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### KDM4B Rabbit mAb - Images



