

**KDM4B Rabbit mAb**  
Catalog # AP78280**Specification**

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**KDM4B Rabbit mAb - Product Information**

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

**KDM4B Rabbit mAb - Additional Information****Gene ID** 23030**Other Names**  
KDM4B**Dilution**  
WB~~1/500-1/1000**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

