

# KDM4B Rabbit mAb

Catalog # AP75651

## Product Information

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

## Additional Information

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Gene ID	23030
Other Names	KDM4B
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

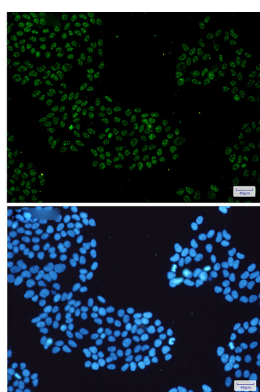
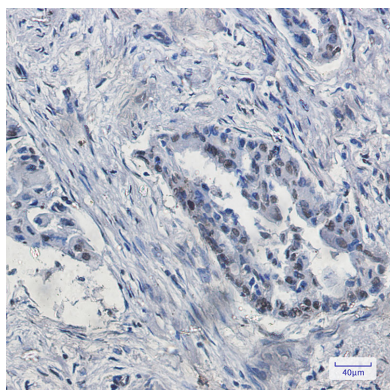
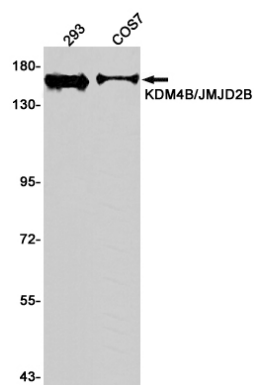
## Protein Information

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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="#">16603238</a> , PubMed: <a href="#">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}

## Images

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