

JMJD2B rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A16546	Rabbit	1 mg/ml	121897
Applications	IHC,ELISA		
Reactivity	Human		
Dilution	IHC: 1:100 - 1:300. ELISA: 1:5000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	JMJD2B Polyclonal Antibody detects endogenous levels of JMJD2B protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human KDM4B. AA range:351-400		
Uniprot No	O94953		
Alternative names	KDM4B; JHDM3B; JMJD2B; KIAA0876; Lysine-specific demethylase 4B; JmjC domain-containing histone demethylation protein 3B; Jumonji domain-containing protein 2B		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	cofactor: Binds 1 Fe(2+) ion per subunit., domain: The 2 Tudor domains recognize and bind methylated histones. Double Tudor domain has an interdigitated structure and the unusual fold is required for its ability to bind methylated histone tails., 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., similarity: Belongs to the JHDM3 histone demethylase family., similarity: Contains 1 JmjC domain., similarity: Contains 1 JmjN domain., similarity: Contains 2 PHD-type zinc fingers., similarity: Contains 2 Tudor domains.,		
Other	KDM4B, Lysine-specific demethylase 4B		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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