

JMJD2B Polyclonal Antibody

Catalog No :	YT2437
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;ELISA
Target :	JMJD2B
Gene Name :	KDM4B
Protein Name :	Lysine-specific demethylase 4B
Human Gene Id :	23030
Human Swiss Prot No :	O94953
Mouse Swiss Prot No :	Q91VY5
Immunogen :	The antiserum was produced against synthesized peptide derived from human KDM4B. AA range:351-400
Specificity :	JMJD2B Polyclonal Antibody detects endogenous levels of JMJD2B protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	122kD

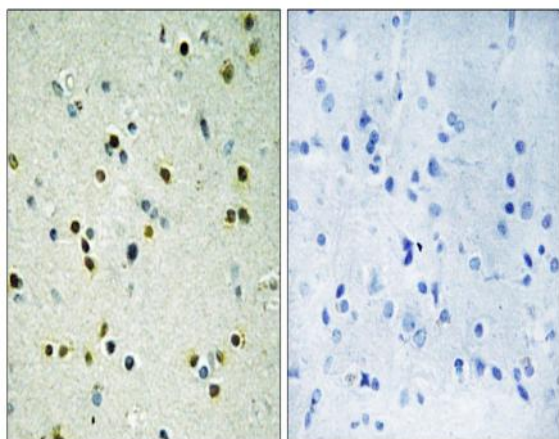
Background : cofactor: Binds 1 Fe(2+) ion per subunit., domain: The 2 Tudor domains recognize and bind methylated histones. Double Tudor domain has an interdigitated structure and the unusual fold is required for its ability to bind methylated histone tails., function: Histone demethylase that specifically 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.,

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Subcellular Location : Nucleus .

Expression : Brain, Epithelium, Testis,

Products Images



Immunohistochemistry analysis of paraffin-embedded human brain, using JHD3B Antibody. The picture on the right is blocked with the synthesized peptide.