

JMJD2B Polyclonal Antibody

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|------------------------------|---|
| Catalog No : | YT2437 |
| Reactivity : | Human;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 |

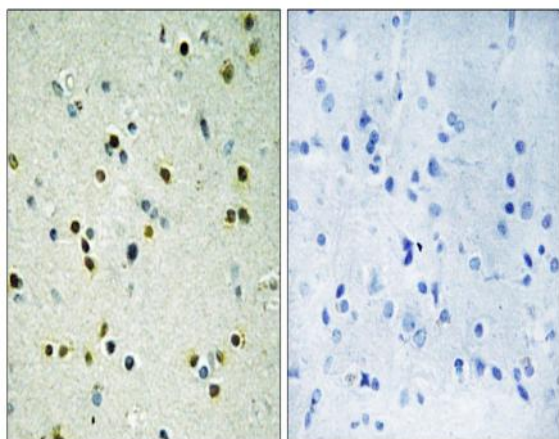
Background : cofactor: Binds 1 Fe(2+) ion per subunit., domain: The 2 Tudor domains recognize and bind methylated histones. Double Tudor domain has an interdigitated structure and the unusual fold is required for its ability to bind methylated histone tails., function: Histone demethylase that specifically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