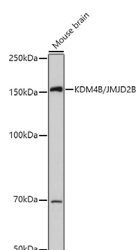


KDM4B Polyclonal Antibody

| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-67709 | Reactivity | H,M |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of extracts of Mouse brain using KDM4B Polyclonal Antibody at 1:1000 dilution.

Immunogen Information

| | |
|------------------|---|
| Immunogen | Recombinant fusion protein of human KDM4B |
| GeneID | 23030 |
| Swissprot | O94953 |
| Synonyms | KDM4B, JMJD2B, TDRD14B |

Product Information

| | |
|----------------------|---|
| Calculated MW | 50kDa/121kDa |
| Observed MW | 150KDa |
| Buffer | PBS with 0.01% thiomersal, 50% glycerol, pH7.3. |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000 |

Background

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.

For Research Use Only

Thank you for your recent purchase.
 If you would like to learn more about antibodies, please visit www.elabscience.com.

**Focus on your research
 Service for life science**

Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.