

Mouse Kdm6a Antibody (C-term)

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| Catalog_no : | AB3239 |
| Reactivity : | M |
| Category : | 抗原抗体 |
| Size : | 100μL/50μL |
| Immunogen : | HUMAN |
| Specificity : | This mouse Kdm6a antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1041-1074 amino acids from the C-terminal region of mouse Kdm6a. |
| Dilution : | WB,1:2000; |
| Other_name : | Lysine-specific demethylase 6A, 11411-, Histone demethylase UTX, Ubiquitously transcribed TPR protein on the X chromosome, Ubiquitously transcribed X chromosome tetratricopeptide repeat protein, Kdm6a, Utx |
| Isotype : | Rabbit Ig |
| Background : | Histone demethylase that specifically demethylates 'Lys- 27' of histone H3, thereby playing a central role in histone code. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-27'. Plays a central role in regulation of posterior development, by regulating HOX gene expression. Demethylation of 'Lys-27' of histone H3 is concomitant with methylation of 'Lys-4' of histone H3, and regulates the recruitment of the PRC1 complex and monoubiquitination of histone H2A (By similarity). |
| reference : | Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009). Greenfield A.,et al.Hum. Mol. Genet. 7:737-742(1998). Grbavec D.,et al.Biochem. J. 337:13-17(1999). Ballif B.A.,et al.Mol. Cell. Proteomics 3:1093-1101(2004). Wang A.H.,et al.EMBO J. 32:1075-108 |