

KDM6A/UTX Rabbit pAb

CatalogNo: YN8780

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 154kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human KDM6A/UTX

Specificity This antibody detects endogenous levels of KDM6A/UTX at Human, Mouse

Target Information

Gene name KDM6A UTX

| | | | |
|-----------------------|---|-------------------------|--------------------------|
| Protein Name | Lysine-specific demethylase 6A (Histone demethylase UTX) (Ubiquitously-transcribed TPR protein on the X chromosome) (Ubiquitously-transcribed X chromosome tetratricopeptide repeat protein) | | |
| | Organism | Gene ID | UniProt ID |
| | Human | 7403 ; | O15550 ; |
| | Mouse | 22289 ; | O70546 ; |
| Cellular Localization | Nucleus . | | |
| Function | 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 . Plays a demethylase-independent role in chromatin remodeling to regulate T-box family member-dependent gene expression (By similarity). | | |

Validation Data

Contact information

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Please scan the QR code to access additional product information:
KDM6A/UTX Rabbit pAb

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