

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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KDM6A/UTX Rabbit pAb

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