

KDM6A/UTX rabbit pAb

Catalog No :	YN8780
Reactivity :	Human;Mouse
Applications :	WB
Target :	KDM6A
Gene Name :	KDM6A UTX
Protein Name :	Lysine-specific demethylase 6A (EC 1.14.11.-) (Histone demethylase UTX) (Ubiquitously-transcribed TPR protein on the X chromosome) (Ubiquitously-transcribed X chromosome tetratricopeptide repeat prote
Human Gene Id :	7403
Human Swiss Prot No :	O15550
Mouse Gene Id :	22289
Mouse Swiss Prot No :	O70546
Immunogen :	Synthesized peptide derived from human KDM6A/UTX
Specificity :	This antibody detects endogenous levels of KDM6A/UTX at Human, Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
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 : 154kD

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).

Subcellular Location : Nucleus .

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