

KDM6B/JMJD3 rabbit pAb

Catalog No :	YN8774
Reactivity :	Human;Mouse
Applications :	WB
Target :	KDM6B
Gene Name :	KDM6B JMJD3 KIAA0346
Protein Name :	Lysine-specific demethylase 6B (EC 1.14.11.-) (JmjC domain-containing protein 3) (Jumonji domain-containing protein 3) (Lysine demethylase 6B)
Human Gene Id :	23135
Human Swiss Prot No :	O15054
Mouse Gene Id :	216850
Mouse Swiss Prot No :	Q5NCY0
Immunogen :	Synthesized peptide derived from human KDM6B/JMJD3
Specificity :	This antibody detects endogenous levels of KDM6B/JMJD3 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 : 181kD

Function : Histone demethylase that specifically demethylates 'Lys-27' of histone H3, thereby playing a central role in histone code . Demethylates trimethylated and dimethylated H3 'Lys-27' . Plays a central role in regulation of posterior development, by regulating HOX gene expression . Involved in inflammatory response by participating in macrophage differentiation in case of inflammation by regulating gene expression and macrophage differentiation . Plays a demethylase-independent role in chromatin remodeling to regulate T-box family member-dependent gene expression by acting as a link between T-box factors and the SMARCA4-containing SWI/SNF remodeling complex (By similarity).

Subcellular Location : Nucleus .

Sort : 27451

No4 : 1

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