

KDM1B rabbit pAb

Catalog No :	YN8749
Reactivity :	Human;Mouse
Applications :	WB
Target :	KDM1B
Gene Name :	KDM1B AOF1 C6orf193 LSD2
Protein Name :	Lysine-specific histone demethylase 1B (EC 1.-.-.-) (Flavin-containing amine oxidase domain-containing protein 1) (Lysine-specific histone demethylase 2)
Human Gene Id :	221656
Human Swiss Prot No :	Q8NB78
Mouse Gene Id :	218214
Mouse Swiss Prot No :	Q8CIG3
Immunogen :	Synthesized peptide derived from human KDM1B
Specificity :	This antibody detects endogenous levels of KDM1B 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 : 90kD

Function : Histone demethylase that demethylates 'Lys-4' of histone H3, a specific tag for epigenetic transcriptional activation, thereby acting as a corepressor. Required for de novo DNA methylation of a subset of imprinted genes during oogenesis. Acts by oxidizing the substrate by FAD to generate the corresponding imine that is subsequently hydrolyzed. Demethylates both mono- and di-methylated 'Lys-4' of histone H3. Has no effect on tri-methylated 'Lys-4', mono-, di- or tri-methylated 'Lys-9', mono-, di- or tri-methylated 'Lys-27', mono-, di- or tri-methylated 'Lys-36' of histone H3, or on mono-, di- or tri-methylated 'Lys-20' of histone H4.

Subcellular Location : Nucleus .

Products Images