



KDM2A rabbit pAb

货号	YP-Ab-18112
同位型	IgG
应用	WB
种属	Human;Mouse
靶点	KDM2A
基因名称	KDM2A CXXC8 FBL7 FBXL11 JHDM1A KIAA1004
蛋白名称	Lysine-specific demethylase 2A (EC 1.14.11.27) (CXXC-type zinc finger protein 8) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) (F-box/LRR-repeat protein 11)
免疫原	Synthesized peptide derived from human KDM2A
特异性	This antibody detects endogenous levels of KDM2A at Human, Mouse
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	128kD
功能	Histone demethylase that specifically demethylates 'Lys-36' of histone H3, thereby playing a central role in histone code. Preferentially demethylates dimethylated H3 'Lys-36' residue while it has weak or no activity for mono- and tri-methylated H3 'Lys-36'. May also recognize and bind to some phosphorylated proteins and promote their ubiquitination and degradation. Required to maintain the heterochromatic state. Associates with centromeres and represses transcription of small non-coding RNAs that are encoded by the clusters of satellite repeats at the centromere. Required to sustain centromeric integrity and genomic stability, particularly during mitosis. Regulates circadian gene expression by repressing the transcriptional activator activity of CLOCK-ARNTL/BMAL1 heterodimer and RORA in a catalytically-independent manner .
细胞定位	Nucleus, nucleoplasm . Chromosome . Punctate expression throughout the nucleoplasm and enriched in the perinucleolar region (PubMed:19001877, PubMed:20417597). Specifically nucleates at CpG islands where it's presence results in chromatin depleted in H3K36me2 (PubMed:19001877, PubMed:20417597). .
组织表达	Widely expressed, with highest levels in brain, testis and ovary, followed by lung.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)

有关注意事项

Avoid repeated freezing and thawing!

使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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