

M30135

FBXL11 Antibody

- 50ul
- 100 uL



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Description:

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.

Uniprot:Q9Y2K7

Alternative Names:

[Histone-H3]-lysine-36 demethylase 1A; CXXC-type zinc finger protein 8; CXXC8; F box / LRR repeat protein 11; F box and leucine rich repeat protein 11; F box protein FBL7; F-box and leucine-rich repeat protein 11; F-box protein FBL7; F-box protein Lilina; F-box/LRR-repeat protein 11; FBL11; FBL7; FBXL11; JHDM1A; JmjC domain-containing histone demethylation protein 1A; Jumonji C domain containing histone demethylase 1A; kdm2a; KDM2A_HUMAN; LILINA; Lysine (K) specific demethylase 2A; Lysine-specific demethylase 2A;

Reactivity:Human, Mouse, Rat

Source:Mouse

Mol Weight:133KD

Storage Condition: Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB 1:500-1:2000, IHC 1:50-1:200; IP 1:50-1:100