C14orf169/NO66 (YD11864) Rabbit mAb

货号: AYD15894

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	
理论分子量	71kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Nucleus, nucleolus, nucleoplasm
纯化	

抗原信息

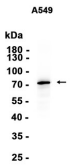
抗原信息	

靶点信息

研究背景	Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase (PubMed:23103944). Specifically demethylates 'Lys-4' (H3K4me) and 'Lys-36' (H3K36me) of histone H3, thereby playing a central role in histone code (By similarity). Preferentially demethylates trimethylated H3 'Lys-4' (H3K4me3) and monomethylated H3 'Lys-4' (H3K4me1) residues, while it has weaker activity for dimethylated H3 'Lys-36' (H3K36me2) (By similarity). Acts as a regulator of osteoblast differentiation via its interaction with SP7/OSX by demethylating H3K4me and H3K36me, thereby inhibiting SP7/OSX-mediated promoter activation (By similarity). Also catalyzes demethylation of non-histone proteins, such as CGAS: demethylation of monomethylated CGAS promotes interaction between CGAS and PARP1, followed by PARP1 inactivation (By similarity). Also catalyzes the hydroxylation of 60S ribosomal protein L8 on 'His-216', thereby playing a role in ribosome biogenesis (PubMed:23103944). Participates in MYC-induced transcriptional activation (PubMed:17308053)

基因**ID**	79697
基因名	RIOX1
Swiss	Q9H6W3
别名	C14orf169/NO66 (YD11864)

产品验证



实验步骤

访问官网浏览详情: www.ablybio.cn