

兔抗 RIOX1 多克隆抗体

- 中文名称：兔抗 RIOX1 多克隆抗体
- 英文名称：Anti-RIOX1 rabbit polyclonal antibody
- 别名：ribosomal oxygenase 1; ROX; NO66; JMJD9; MAPJD; UR
- 相关类别：一抗
- 储存：冷冻（-20℃）
- 宿主：Rabbit
- 抗原：RIOX1
- 反应种属：Human, Mouse, Rat
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

技术规格

Background:

Oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. Specifically demethylates 'Lys-4' (H3K4me) and 'Lys-36' (H3K36me) of histone H3, thereby playing a central role in histone code. 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). Also catalyzes the hydroxylation of 60S ribosomal protein L8 on 'His-216'. 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). May also

	play a role in ribosome biogenesis and in the replication or remodeling of certain heterochromatic region. Participates in MYC-induced transcriptional activation.
Applications:	ELISA, IHC
Name of antibody:	RIOX1
Immunogen:	Synthetic peptide of human RIOX1
Full name:	ribosomal oxygenase 1
Synonyms:	ROX; NO66; JMJD9; MAPJD; URLC2; hsNO66; C14orf169
SwissProt:	Q9H6W3
IHC positive control:	Human thyroid cancer and Human ovarian cancer
IHC Recommend dilution:	30-150

