

## 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 replicat

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

