

兔抗 KDM7A 多克隆抗体

中文名称:	兔抗 KDM7A 多克隆抗体
英文名称:	Anti-KDM7A rabbit polyclonal antibody
别名:	lysine demethylase 7A; JHDM1D
相关类别:	一抗
储存:	冷冻 (-20℃)
宿主:	Rabbit
抗原:	KDM7A
反应种属:	Human, Mouse
标记物:	Unconjugate
克隆类型:	rabbit polyclonal

技术规格

Background:	Histone demethylase required for brain development. Specifically demethylates dimethylated 'Lys-9' and 'Lys-27' (H3K9me2 and H3K27me2, respectively) of histone H3 and monomethylated histone H4 'Lys-20' residue (H4K20Me1), thereby playing a central role in histone code. Specifically binds trimethylated 'Lys-4' of histone H3 (H3K4me3), affecting histone demethylase specificity: in presence of H3K4me3, it has no demethylase activity toward H3K9me2, while it has high activity toward H3K27me2. Demethylates H3K9me2 in absence of H3K4me3. Has activity toward H4K20Me1 only when nucleosome is used as a substrate and when not histone octamer is used as substrate.
Applications:	ELISA, IHC

Name of antibody:	KDM7A
Immunogen:	Synthetic peptide of human KDM7A
Full name:	lysine demethylase 7A
Synonyms:	JHDM1D
SwissProt:	Q6ZMT4
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human thyroid cancer and Human ovarian cancer
IHC Recommend dilution:	30-150



