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# KDM3A (YD34055) Rabbit mAb

货号: **AYD11344**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P ICC/IF FC IP
推荐浓度	
理论分子量	147kDa/148kDa/135kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. 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	Cytoplasm, Nucleus
纯化	亲和纯化

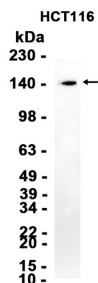
## 抗原信息

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## 靶点信息

研究背景	<p>Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Preferentially demethylates mono- and dimethylated H3 'Lys-9' residue, with a preference for dimethylated residue, while it has weak or no activity on trimethylated H3 'Lys-9'. Demethylation of Lys residue generates formaldehyde and succinate. Involved in hormone-dependent transcriptional activation, by participating in recruitment to androgen-receptor target genes, resulting in H3 'Lys-9' demethylation and transcriptional activation. Involved in spermatogenesis by regulating expression of target genes such as PRM1 and TNP1 which are required for packaging and condensation of sperm chromatin. Involved in obesity resistance through regulation of metabolic genes such as PPARA and UCP1</p> <p>Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Preferentially demethylates mono- and dimethylated H3 'Lys-9' residue, with a preference for dimethylated residue, while it has weak or no activity on trimethylated H3 'Lys-9'. Demethylation of Lys residue generates formaldehyde and succinate. Involved in hormone-dependent transcriptional activation, by participating in recruitment to androgen-receptor target genes, resulting in H3 'Lys-9' demethylation and transcriptional activation (By similarity). Involved in spermatogenesis by regulating expression of target genes such as PRM1 and TNP1 which are required for packaging and condensation of sperm chromatin (PubMed:17943087). Involved in obesity resistance through regulation of metabolic genes such as PPARA and UCP1</p> <p>Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Preferentially demethylates mono- and dimethylated H3 'Lys-9' residue, with a preference for dimethylated residue, while it has weak or no activity on trimethylated H3 'Lys-9'. Demethylation of Lys residue generates formaldehyde and succinate. Involved in hormone-dependent transcriptional activation, by participating in recruitment to androgen-receptor target genes, resulting in H3 'Lys-9' demethylation and transcriptional activation. Involved in spermatogenesis by regulating expression of target genes such as PRM1 and TNP1 which are required for packaging and condensation of sperm chromatin. Directly regulates expression of PPARA and UCP1 and is involved in obesity resistance (By similarity)</p>
基因ID	55818
基因名	KDM3A, Kdm3a
Swiss	Q9Y4C1 ( <a href="https://www.uniprot.org/uniprotkb/Q9Y4C1/entry">https://www.uniprot.org/uniprotkb/Q9Y4C1/entry</a> ), Q6PCM1 ( <a href="https://www.uniprot.org/uniprotkb/Q6PCM1/entry">https://www.uniprot.org/uniprotkb/Q6PCM1/entry</a> ), Q63679 ( <a href="https://www.uniprot.org/uniprotkb/Q63679/entry">https://www.uniprot.org/uniprotkb/Q63679/entry</a> )
别名	KDM3A (YD34055),KDM3A (YD34055) Rabbit mAb,KDM3A,JmjC domain-containing histone demethylation protein 2A,Jumonji domain-containing protein 1A,[histone H3]-dimethyl-L-lysine(9) demethylase 3A,Testis-specific gene A protein,Zinc finger protein TSGA,JHDM2A,JMJD1,JMJD1A

## 产品验证



## 实验步骤

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