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SETD7 (YD35804) Rabbit mAb

货号: AYD16586

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB FC
推荐浓度	
理论分子量	41kDa
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	293T
细胞定位	Nucleus, Chromosome
纯化	亲和纯化

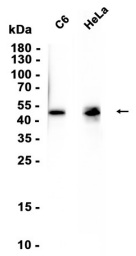
抗原信息

抗原信息	

靶点信息

研究背景	Histone methyltransferase that specifically monomethylates 'Lys-4' of histone H3. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation. Plays a central role in the transcriptional activation of genes such as collagenase or insulin. Recruited by IPF1/PDX-1 to the insulin promoter, leading to activate transcription. Has also methyltransferase activity toward non-histone proteins such as p53/TP53, TAF10, and possibly TAF7 by recognizing and binding the [KR]-[STA]-K in substrate proteins. Monomethylates 'Lys-189' of TAF10, leading to increase the affinity of TAF10 for RNA polymerase II. Monomethylates 'Lys-372' of p53/TP53, stabilizing p53/TP53 and increasing p53/TP53-mediated transcriptional activation.
基因ID	80854
基因名	SETD7
Swiss	Q8WTS6 (https://www.uniprot.org/uniprotkb/Q8WTS6/entry)
别名	SETD7 (YD35804),SETD7 (YD35804) Rabbit mAb,SETD7,Histone H3-K4 methyltransferase SETD7,Lysine N-methyltransferase 7,SET domain-containing protein 7,SET7/9,KIAA1717,KMT7,SET7

产品验证



实验步骤

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