

SETD7 Rabbit mAb

货号: B28438

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	WB: 1:500 - 1:2000 IP: 1:20 - 1:50
理论分子量	40kDa
实测分子量	41kDa
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	293T
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

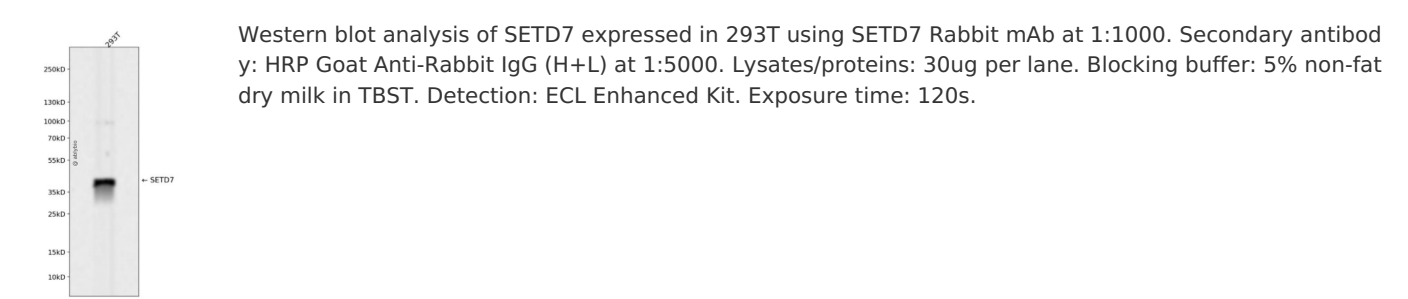
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human SETD7.
序列	MDSDDDEMVEEAVEGHLDDDG LPHGFCTVTYSSTDRFEGNFVHGEKNGRGKFFFFDGSTLEGYYVDDALQGQGVYTYE DGGVLQGTYYVDGELNGPAQEYDTDGRLIFKGQYKDNIRHGVCVWIYYPDGGSLVGEVNEDGEMTGEKIAYVYPDERTALY GKFIDGEMIEGKLATLMSTEEGRPHFELMPGNSVYHFDKSTSSCISTNALLPDYESERVYVAESLISSAGEGLFSKVAVGP NTVMSFYNGVRITHQEVDSDRDWALNGNTLSLDEETVIDVPEPYNHVSKEYCASLGHKANHSFTPNCIYDMFVHPRFGPIKCI RTLRAVEADEELTVAYGYDHSPPGKSGPEAPEWYQVELKAFQATQQK

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
别名	SETD7;KMT7;SET7;SET7/9;SET9

产品验证



实验步骤

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