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MTF2 Rabbit pAb

货号: **AYP16485**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	29kDa/55kDa/60kDa/67kDa
实测分子量	67kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HL-60,HepG2,Mouse brain,Rat brain
细胞定位	Nucleus
纯化	Affinity purification

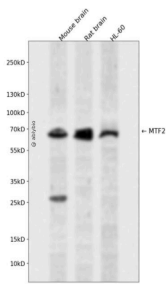
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human MTF2 (NP_001157864.1).
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靶点信息

研究背景	Polycomb group (PcG) protein that specifically binds histone H3 trimethylated at 'Lys-36' (H3K36me3 and recruits the PRC2 complex, thus enhancing PRC2 H3K27me3 methylation activity. Regulates the transcriptional networks during embryonic stem cell self-renewal and differentiation (By similarity. Promotes recruitment of the PRC2 complex to the inactive X chromosome in differentiating XX ES cells and PRC2 recruitment to target genes in undifferentiated ES cells (By similarity. Required to repress Hox genes by enhancing H3K27me3 methylation of the PRC2 complex (By similarity. In some conditions may act as an inhibitor of PRC2 activity: able to activate the CDKN2A gene and promote cellular senescence by suppressing the catalytic activity of the PRC2 complex locally (By similarity. Binds to the metal-regulating-element (MRE) of MT1A gene promoter (By similarity.
基因ID	22823
基因名	MTF2
Swiss	Q9Y483 (https://www.uniprot.org/uniprotkb/Q9Y483/entry)
别名	MTF2,M96,PCL2,TDRD19A,dj976013.2,MTF2 Rabbit pAb,Metal regulatory transcription factor 2,Metal-response element DNA-binding protein M96,Polycomb-like protein 2

产品验证



Western blot analysis of MTF2 expressed in Mouse brain,Rat brain,HL-60 using MTF2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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