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TRMT112 Rabbit pAb

货号: **AYP13976**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	13kDa/14kDa
实测分子量	14kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,DU145,HeLa,Jurkat,Mouse brain,Mouse kidney,Mouse lung
细胞定位	cytosol,nucleoplasm,perinuclear region of cytoplasm
纯化	Affinity purification

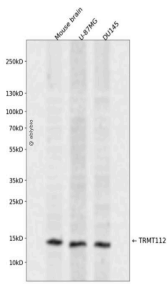
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human TRMT12 (NP_057488.1).
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靶点信息

研究背景	Acts as an activator of both rRNA/tRNA and protein methyltransferases. Together with methyltransferase BUD23, methylates the N7 position of a guanine in 18S rRNA. The heterodimer with HEMK2/N6AMT1 catalyzes N5-methylation of ETF1 on 'Gln-185', using S-adenosyl L-methionine as methyl donor. The heterodimer with HEMK2/N6AMT1 also monomethylates 'Lys-12' of histone H4 (H4K12me1. The heterodimer with ALKBH8 catalyzes the methylation of 5-carboxymethyl uridine to 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in target tRNA species. Involved in the pre-rRNA processing steps leading to small-subunit rRNA production. Together with methyltransferase METTL5, specifically methylates the 6th position of adenine in position 1832 of 18S rRNA.
基因ID	51504
基因名	TRMT112
Swiss	Q9UI30 (https://www.uniprot.org/uniprotkb/Q9UI30/entry)
别名	TRMT112,HSPC152,HSPC170,TRM112,TRMT11-2,hTrm112,TRMT112 Rabbit pAb,tRNA methyltransferase 112 homolog

产品验证



Western blot analysis of TRMT112 expressed in Mouse brain,U-87MG,DU145 using TRMT112 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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