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NSUN4 Rabbit pAb

货号: **AYP18687**

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	16kDa/21kDa/37kDa/43kDa
实测分子量	43kDa
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	SH-SY5Y,HT-29,HeLa,HepG2,Mouse brain,Mouse testis,Rat brain
细胞定位	Mitochondrion
纯化	Affinity purification

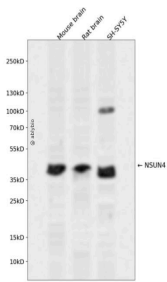
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 26-290 of human NSUN 4 (NP_950245.2).
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靶点信息

研究背景	Involved in mitochondrial ribosome assembly. 5-methylcytosine rRNA methyltransferase that probably is involved in mitochondrial ribosome small subunit (SSU maturation by methylation of mitochondrial 12S rRNA; the function is independent of MTERFD2/MTERF4 and assembled mitochondrial ribosome large subunit (LSU). Targeted to LSU by MTERFD2/MTERF4 and probably is involved in a final step in ribosome biogenesis to ensure that SSU and LSU are assembled. In vitro can methylate 16S rRNA of the LSU; the methylation is enhanced by MTERFD/MTERF4.
基因ID	387338
基因名	NSUN4
Swiss	Q96CB9 (https://www.uniprot.org/uniprotkb/Q96CB9/entry)
别名	NSUN4,SHTAP,NSUN4 Rabbit pAb,5-cytosine tRNA methyltransferase NSUN4,NOL1/NOP2/Sun domain family member 4,mRNA cytosine C(5)-methyltransferase NSUN4

产品验证



Western blot analysis of NSUN4 expressed in Mouse brain,Rat brain,SH-SY5Y using NSUN4 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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