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NSUN3 Rabbit pAb

货号: **AYP15569**

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	38kDa
实测分子量	38kDa
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	K-562,Mouse thymus,Rat thymus
细胞定位	mitochondrial matrix,mitochondrion
纯化	Affinity purification

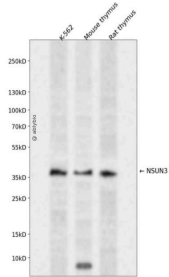
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human NSUN3 (NP_071355.1).
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靶点信息

研究背景	Mitochondrial tRNA methyltransferase that mediates methylation of cytosine to 5-methylcytosine (m5C) at position 34 of mt-tRNA(Met). mt-tRNA(Met) methylation at cytosine(34) takes place at the wobble position of the anticodon and initiates the formation of 5-formylcytosine (f5c) at this position. mt-tRNA(Met) containing the f5c modification at the wobble position enables recognition of the AUA codon in addition to the AUG codon, expanding codon recognition in mitochondrial translation.
基因ID	63899
基因名	NSUN3
Swiss	Q9H649 (https://www.uniprot.org/uniprotkb/Q9H649/entry)
别名	NSUN3,MST077,MSTP077,NSUN3 Rabbit pAb,NOL1/NOP2/Sun domain family member 3

产品验证



Western blot analysis of NSUN3 expressed in K-562, Mouse thymus, Rat thymus using NSUN3 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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