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TGS1 Rabbit pAb

货号: **AYP13283**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	IF: Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	96kDa
实测分子量	97kDa
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	Jurkat,MCF7,293T,Mouse thymus,Mouse testis
细胞定位	Cajal body,Cytoplasm,Nucleus
纯化	Affinity purification

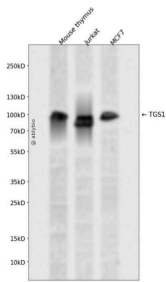
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 714-853 of human TGS1 (NP_079107.6).
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靶点信息

研究背景	Catalyzes the 2 serial methylation steps for the conversion of the 7-monomethylguanosine (m7G caps of snRNAs and snoRNAs to a 2,2,7-trimethylguanosine (m(2,2,7G cap structure. The enzyme is specific for guanine, and N7 methylation must precede N2 methylation. Hypermethylation of the m7G cap of U snRNAs leads to their concentration in nuclear foci, their colocalization with coilin and the formation of canonical Cajal bodies (CBs. Plays a role in transcriptional regulation.
基因ID	96764
基因名	TGS1
Swiss	Q96RS0 (https://www.uniprot.org/uniprotkb/Q96RS0/entry)
别名	TGS1,NCOA6IP,PIMT,PIPMT,TGS1 Rabbit pAb,CLL-associated antigen KW-2,Cap-specific guanine-N(2) methyltransferase,Hepatocellular carcinoma-associated antigen 137,Nuclear receptor coactivator 6-interacting protein,PRIP-interacting protein with methyltransferase motif,HCA137

产品验证



Western blot analysis of TGS1 expressed in Mouse thymus, Jurkat, MCF7 using TGS1 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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