

— ABLYBIO, Help Your Research



PAPD5 Rabbit pAb

货号: **AYP18145**

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	41kDa/51kDa/63kDa/64kDa/75kDa
实测分子量	90kDa
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	HeLa,Mouse liver,Rat thymus
细胞定位	Cytoplasm,Nucleus,nucleolus
纯化	Affinity purification

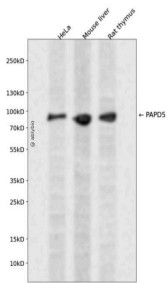
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 480-590 of human PAPD 5 (NP_001035374.2).
------	---

靶点信息

研究背景	Terminal nucleotidyltransferase that catalyzes preferentially the transfert of ATP and GTP on RNA 3' poly(A tail creating a heterogeneous 3' poly(A tail leading to mRNAs stabilization by protecting mRNAs from a ctive deadenylation. Also functions as a catalytic subunit of a TRAMP-like complex which has a poly(A RN A polymerase activity and is involved in a post-transcriptional quality control mechanism. Polyadenylation with short oligo(A tails is required for the degradative activity of the exosome on several of its nuclear RNA substrates. Doesn't need a cofactor for polyadenylation activity (in vitro. Required for cytoplasmic polyadenylation of mRNAs involved in carbohydrate metabolism, including the glucose transporter SLC2A1/GLUT1. Plays a role in replication-dependent histone mRNA degradation, probably through terminal uridylation of mature histone mRNAs. May play a role in sister chromatid cohesion. Mediates 3' adenylation of the microRNA MIR21 followed by its 3'-to-5' trimming by the exoribonuclease PARN leading to degradation. Mediates 3' adenylation of H/ACA box snoRNAs (small nucleolar RNAs followed by its 3'-to-5' trimming by the exoribonuclease PARN which enhances snoRNA stability and maturation.
基因ID	64282
基因名	PAPD5
Swiss	Q8NDF8 (https://www.uniprot.org/uniprotkb/Q8NDF8/entry)
别名	PAPD5,TRF4-2,PAPD5 Rabbit pAb,Non-canonical poly(A) RNA polymerase PAPD5,PAP-associated domain-containing protein 5,Terminal guanylyltransferase,Terminal uridylyltransferase 3,Topoisomerase-related function protein 4-2,GLD4

产品验证



Western blot analysis of PAPD5 expressed in HeLa, Mouse liver, Rat thymus using PAPD5 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

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)