

EXOSC5 Rabbit pAb

货号: **AYP13850**

产品信息

反应	Rat
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	25kDa
实测分子量	25kDa
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	Rat pancreas
细胞定位	Cytoplasm, Nucleus, nucleolus
纯化	Affinity purification

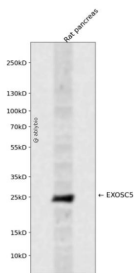
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-235 of human EXOSC 5 (NP_064543.3).
序列	MEEETHDAKIRAENGTGSSPRGPGCSLRHFACEQNLLSRPDGSASFLQGDTSVLAGVYGPAEVKVSKEIFNKATLEVILR PKIGLPGVAEKSRERLIRNTCEAVVLGTLHPRTSITVVLQVSDAGSLLACCLNAACMALVDAGVPMRALFCGVACALDSD GTLVLDPTSKQEKEARAVLTFALDSVERKLLMSSTKGLYSDELQQCLAAAQAASQHVFRFYRESLQRRYSKS

靶点信息

研究背景	Non-catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events. In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding 'pervasive' transcripts, such as antisense RNA species and promoter-upstream transcripts (PROMPTs, and of mRNAs with processing defects, there by limiting or excluding their export to the cytoplasm. The RNA exosome may be involved in Ig class switch recombination (CSR and/or Ig variable region somatic hypermutation (SHM by targeting AICDA deamination activity to transcribed dsDNA substrates. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA. The catalytic inactive RNA exosome core complex of 9 subunits (Exo-9 is proposed to play a pivotal role in the binding and presentation of RNA for ribonucleolysis, and to serve as a scaffold for the association with catalytic subunits and accessory proteins or complexes.
基因ID	56915
基因名	EXOSC5
Swiss	Q9NQT4
别名	EXOSC5;RRP41B;RRP46;Rrp46p;hRrp46p;p12B

产品验证



Western blot analysis of EXOSC5 expressed in Rat pancreas using EXOSC5 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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