

# RNASEH1 Rabbit pAb

货号: **AYP15842**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:100 - 1:200
理论分子量	32kDa
实测分子量	37kDa
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	Mouse testis,Rat thymus
细胞定位	Cytoplasm
纯化	Affinity purification

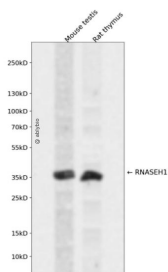
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-286 of human RNASE H1 (NP_002927.2).
序列	MSWLLFLAHRVALAALPCRRGSRGFMFYAVRRGRKTGVFLTWNECRAQVDRFPAARFKKFATEDEAWAFVRKSASPEV SEGHENQHGGQESEAKASKRLREPLDGDGHESAEPYAKHMKPSVEPAPPVSRDTFSYMGDFVVVYTDGCCSSNGRRRPR AGIGVYWGPGHPLNVGIRLPGRQTNQRAEIHAACKAIEQAKTQNKLVLYTDSMFTINGITNWWVQGWKNGWKTSAGK EVINKEDFVALERLTQGMDIQWMHVPGHSGFIGNEEADRLAREGAKQSED

## 靶点信息

研究背景	This gene encodes an endonuclease that specifically degrades the RNA of RNA-DNA hybrids and is necessary for DNA replication and repair. This enzyme is present in both mitochondria and nuclei, which are resulted from translation of a single mRNA with two in-frame initiation start codons. The use of the first start codon produces the mitochondrial isoform and the use of the second start codon produces the nuclear isoform. The production of the mitochondrial isoform is modulated by an upstream open reading frame (uORF) which overlaps the first initiation start codon in human. An alternately spliced transcript variant has been found which encodes a shorter isoform. This gene has three pseudogenes; two of them are at different locations of chromosome 17 and one of them is on chromosome 1q32.2.
基因ID	246243
基因名	RNASEH1
Swiss	O60930
别名	RNASEH1;H1RNA;PEOB2;RNH1

## 产品验证



Western blot analysis of RNASEH1 expressed in Mouse testis, Rat thymus using RNASEH1 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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