

# Anti-EXOSC10/RRP6 antibody ab94981

[2 References](#) [3 图像](#)

### 概述

产品名称	Anti-EXOSC10/RRP6抗体
描述	兔多克隆抗体to EXOSC10/RRP6
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human EXOSC10/RRP6 aa 496-864.
阳性对照	WB: 293T, H1299 or Raji whole cell lysate. ICC/IF: A549 cells. IHC-P: Cal27 xenograft.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab94981于以下的经测试应用

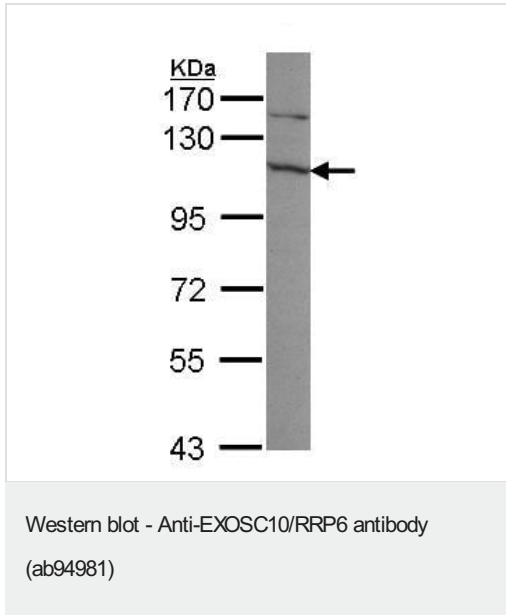
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 101 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/100 - 1/200.

## 靶标

<b>功能</b>	Putative 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, thereby 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. EXOSC10 has 3'-5' exonuclease activity (By similarity). EXOSC10 is required for nucleolar localization of C1D and probably mediates the association of SKIV2L2, C1D and MPP6 with the RNA exosome involved in the maturation of 5.8S rRNA.
<b>序列相似性</b>	Contains 1 3'-5' exonuclease domain. Contains 1 HRDC domain.
<b>细胞定位</b>	Cytoplasm. Nucleus, nucleolus. Nucleus. Strongly enriched in the nucleolus and a small amount has been found in cytoplasm supporting the existence of a nucleolar RNA exosome complex form.

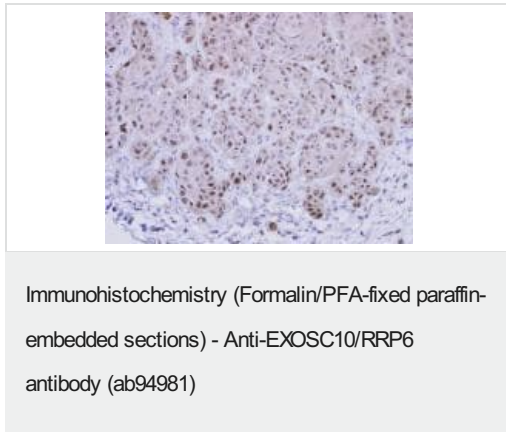
## 图片



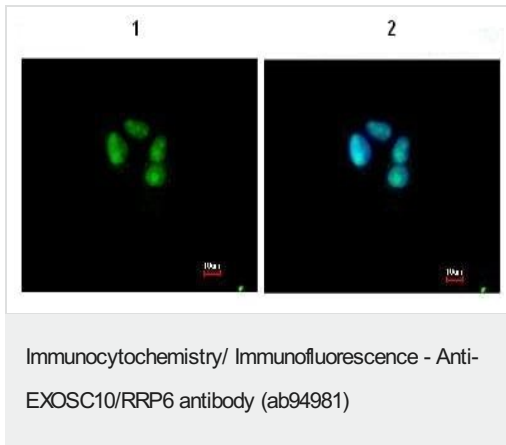
Anti-EXOSC10/RRP6 antibody (ab94981) at 1/3000 dilution + 293T whole cell lysate at 30 µg

**Predicted band size:** 101 kDa

7.5% SDS PAGE



1/100 ab94981 staining EXOSC10/RRP6 in a paraffin-embedded Cal27 xenograft.



1) ab94981 at a 1/200 dilution, staining EXOSC10/RRP6 in paraformaldehyde-fixed A549 cells.  
2) image merged with a DNA probe.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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