


### Anti-EXOSC10/RRP6 antibody ab50558

★★★★★ [2 Abreviews](#) [25 References](#) [1 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
种属反应性	与反应: Human 预测可用于: Xenopus laevis, Pufferfish, Zebrafish, Cynomolgus monkey 
免疫原	Synthetic peptide corresponding to EXOSC10/RRP6 aa 231-245 (internal sequence) conjugated to keyhole limpet haemocyanin (Cysteine residue). Sequence: LDVPPALADFIHQQR-C

 [Run BLAST with](#)

 [Run BLAST with](#)

#### 常规说明

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.

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&As

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: 0.0268% PBS
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ab50558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)	Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 101 kDa (predicted molecular weight: 101 kDa). Minor additional bands may be detected in some cell preparations.

## 靶标

### 功能

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.

### 序列相似性

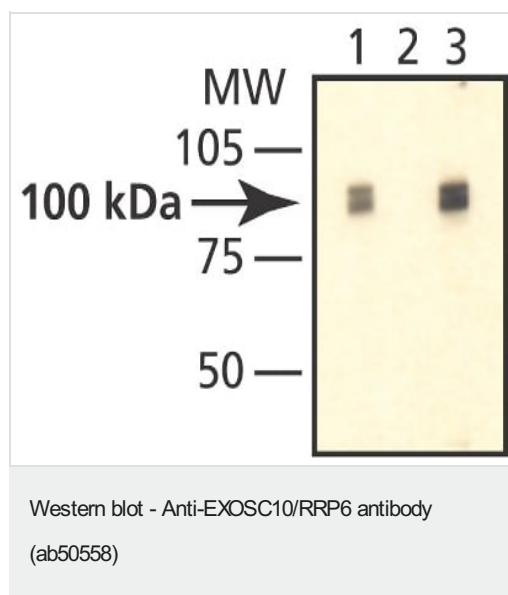
Contains 1 3'-5' exonuclease domain.

Contains 1 HRDC domain.

### 细胞定位

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



**Lanes 1-2 :** Anti-EXOSC10/RRP6 antibody (ab50558) at 1 µg/ml

**Lane 3 :** Anti-EXOSC10/RRP6 antibody (ab50558) at 2 µg/ml

**Lanes 1 & 3 :** HeLa nuclear extract

**Lane 2 :** HeLa nuclear extract with PM/Sc1-100 peptide

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG, Peroxidase conjugate with a chemiluminescent substrate.

**Predicted band size:** 101 kDa

**Observed band size:** 101 kDa

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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors