

## Product datasheet

# Anti-RRP42 antibody [2335C2a] ab50754

### 1 图像

#### 概述

产品名称	Anti-RRP42抗体[2335C2a]
描述	小鼠单克隆抗体[2335C2a] to RRP42
宿主	Mouse
经测试应用	适用于: Dot blot, WB
种属反应性	与反应: Human
免疫原	Recombinant fragment (Human)

#### 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	Preservative: 0.05% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Protein G purified
纯化说明	Filtered through a 0.22 µm membrane.
克隆	单克隆
克隆编号	2335C2a
同种型	IgG1

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab50754** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Dot blot		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution. Predicted molecular weight: 32 kDa.

## 靶标

## 功能

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 anti-sense 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. 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.

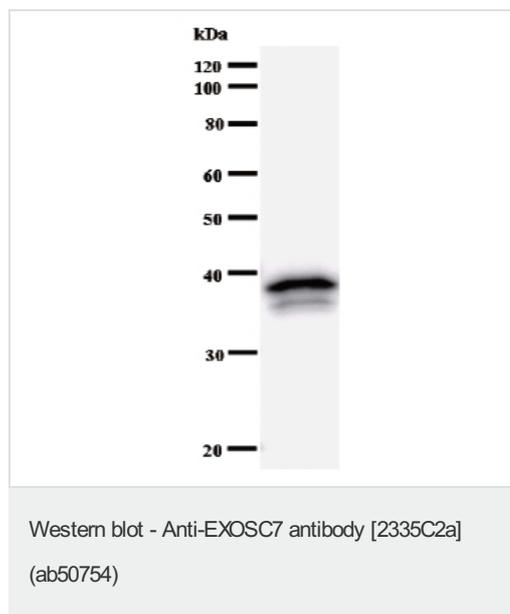
## 序列相似性

Belongs to the RNase PH family.

## 细胞定位

Nucleus > nucleolus. Cytoplasm. Nucleus.

## 图片



Anti-RRP42 antibody [2335C2a] (ab50754) + immunizing peptide

**Predicted band size:** 32 kDa

**Observed band size:** 39 kDa

[why is the actual band size different from the predicted?](#)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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