

### Anti-Dcr 2 / Dicer 2 antibody ab4732

★★★★☆ [2 Abreviews](#) [13 References](#) [1 图像](#)

#### 概述

产品名称	Anti-Dcr 2 / Dicer 2抗体
描述	兔多克隆抗体to Dcr 2 / Dicer 2
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Drosophila melanogaster
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration &lt; 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

The Abpromise guarantee **Abpromise™**承诺保证使用ab4732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 - 1/1000. Predicted molecular weight: 188 kDa. Other (lower) bands are also seen in the blot (see image). We are unsure as to the identity of these - they may be cleavage products of Dcr2, or unspecific bands. These bands are all, however, blocked with the immunising peptide.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

靶标

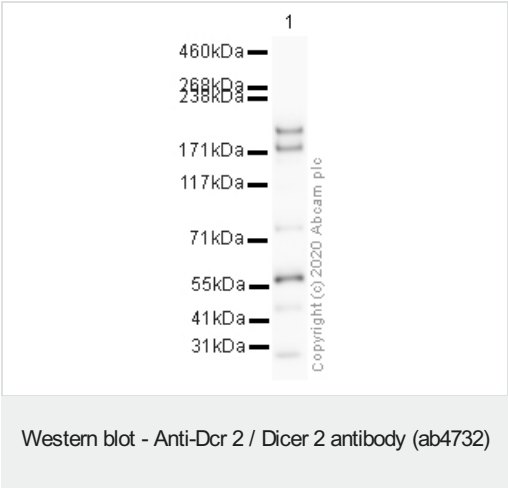
**相关性**

RNA interference is an evolutionarily conserved gene silencing pathway in which the endonuclease, Dicer cleaves double stranded RNA into small interfering RNAs. Dicer is a multidomain protein related to the RNase III protein family. Dicer is required by the RNA interference and small temporal RNA (stRNA) pathways to produce the active small interfering RNA (siRNA) component that represses gene expression. Dicer related RNA interference machinery is also involved in the formation of the heterochromatin structure in organisms such as yeast and higher vertebrate cells. In mammalian cells, both microRNAs (miRNAs) and small interfering RNAs (siRNAs) are thought to be loaded into the same RNA induced silencing complex (RISC), where they guide mRNA degradation or translation silencing depending on the complementarity of the target. Two transcript variants encoding the same protein have been identified. The *Saccharomyces cerevisiae* cell cycle regulator genes DCR2 and DCR1 appear to be involved in the initiation of DNA replication. It has been predicted that DCR2 might encode a protein with phosphoesterase activity.

**细胞定位**

Nuclear

图片



Anti-Dcr 2 / Dicer 2 antibody (ab4732) at 1 µg/ml + *Drosophila* embryo nuclear extract (from *D. melanogaster* embryos 0-12Hr) at 10 µg

**Secondary**  
Goat Anti-Rabbit IgG H&L (HRP) at 1/50000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 188 kDa  
**Observed band size:** 171,200 kDa

**Exposure time:** 12 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 3% milk before being incubated with ab4732 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution **ab133406**.

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

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