

Product datasheet

Anti-POLR3B antibody ab75063

1 图像

概述

产品名称	Anti-POLR3B抗体
描述	兔多克隆抗体to POLR3B
宿主	Rabbit
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide derived from an internal sequence of human POLR3B.
阳性对照	Extracts from LOVO cells

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab75063** 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
WB		1/500 - 1/1000. Predicted molecular weight: 128 kDa.
ELISA		1/20000.

## 靶标

### 功能

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Second largest core component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Proposed to contribute to the polymerase catalytic activity and forms the polymerase active center together with the largest subunit. Pol III is composed of mobile elements and RPC2 is part of the core element with the central large cleft and probably a clamp element that moves to open and close the cleft (By similarity). Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts, such as Epstein-Barr virus-encoded RNAs (EBERs) induce type I interferon and NF- Kappa-B through the RIG-I pathway.

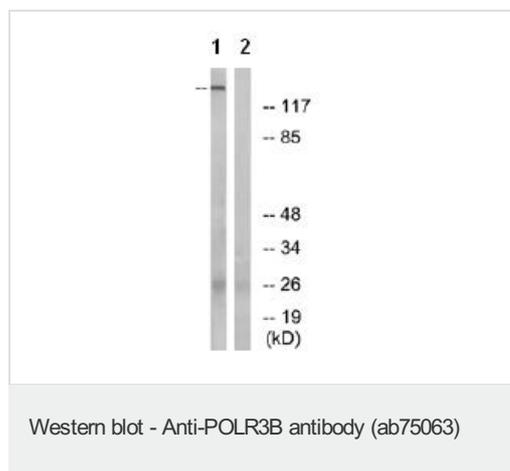
### 序列相似性

Belongs to the RNA polymerase beta chain family.

### 细胞定位

Nucleus.

## 图片



**All lanes :** Anti-POLR3B antibody (ab75063)  
at 1/500 dilution

**Lane 1 :** extracts from LOVO cells

**Lane 2 :** extracts from LOVO cells with  
immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 128 kDa

**Observed band size:** >117 kDa

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

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