

### Anti-Arp5 antibody ab12099

敲除验证

★★★★☆ [2 Abreviews](#) [9 References](#) [2 图像](#)

#### 概述

产品名称	Anti-Arp5抗体
描述	兔多克隆抗体to Arp5
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: <i>Saccharomyces cerevisiae</i>
免疫原	Recombinant full length protein corresponding to Arp5.
阳性对照	<i>S. cerevisiae</i> lysate
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	Protein A purified
克隆	多克隆

同种型IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab12099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 µg/ml. Detects a band of approximately 87 kDa (predicted molecular weight: 87 kDa).

靶标

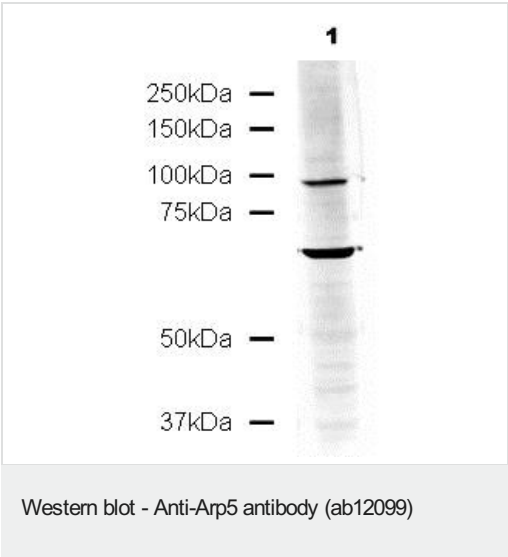
相关性

The budding yeast INO80 complex is a conserved ATP-dependent nucleosome remodeler containing actin-related proteins Arp5 and Arp8. Strains lacking INO80, ARP5, or ARP8 have defects in transcription. Ino80, Arp5, and Arp8 are recruited to an HO-induced DSB, where a phosphorylated form of H2A accumulates. Recruitment of Ino80 is compromised in cells lacking the H2A phosphoacceptor S129. INO80-mediated chromatin remodeling seems to occur directly at DSBs, where it appears to facilitate processing of the lesion.

细胞定位

Nuclear

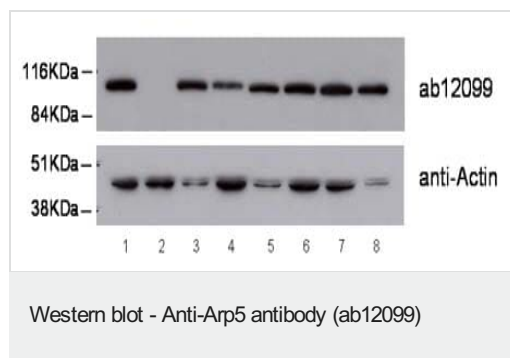
图片



Anti-Arp5 antibody (ab12099) + *S.cerevisiae* lysate

**Secondary**  
Alexa Fluor Goat polyclonal to Rabbit IgG at 1/10000 dilution

**Predicted band size:** 87 kDa  
**Observed band size:** 90 kDa  
**Additional bands at:** 70 kDa (possible cross reactivity)



**All lanes :** Anti-Arp5 antibody (ab12099) at 0.36 µg/ml

**Lane 1 :** *S. cerevisiae* whole cell lysate (wild type)

**Lane 2 :** *S. cerevisiae* whole cell lysate (arp5 knockout)

**Lane 3 :** *S. cerevisiae* whole cell lysate (arp8 knockout)

**Lane 4 :** *S. cerevisiae* whole cell lysate (ino80 knockout)

**Lane 5 :** *S. cerevisiae* whole cell lysate (anc1 knockout)

**Lane 6 :** *S. cerevisiae* whole cell lysate (nhp10 knockout)

**Lane 7 :** *S. cerevisiae* whole cell lysate (wild type, treated with MMS)

**Lane 8 :** *S. cerevisiae* whole cell lysate (arp8 knockout, treated with MMS)

**Predicted band size:** 87 kDa

**Observed band size:** 100 kDa

Using ab12099, bands were present in all *S. cerevisiae* strains tested except for an arp5 knockout strain. This provides conclusive evidence that the ab12099 recognises Arp5.

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

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