

# Anti-Hsp104 antibody ab2924

## 8 References

### 概述

产品名称	Anti-Hsp104抗体
描述	兔多克隆抗体to Hsp104
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: <i>Saccharomyces cerevisiae</i> 不与反应: <i>Drosophila melanogaster</i> , Plants, <i>Escherichia coli</i>
免疫原	Synthetic peptide corresponding to <i>Saccharomyces cerevisiae</i> Hsp104 aa 894-908 (C terminal). Sequence: DDDNEDSMEIDDDL

 [Run BLAST with](#)

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### 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. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide
纯度	Whole antiserum
Primary antibody说明	Heat Shock Proteins (HSP) are expressed in response to various biological stresses, including high temperatures. There are several major families of HSPs including HSP 70, HSP 90 and HSP 100. The HSP 100 proteins generally have amino acid sequences of about 900 residues and contain two nucleotide-binding sites. Within the HSP 100 family of proteins, yeast express an ~104 kDa form which is necessary to protect cells from various stress conditions such as heat, heavy metals and ethanol, though mutation studies have shown that the protein is not required for

normal growth. Yeast HSP 104 has been shown to be a ClpB protein with significant sequence homology to E. coli ClpB, particularly in the two nucleotide-binding sites.

克隆 多克隆  
同种型 IgG

## 应用

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“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		1/5000. Detects a band of approximately 100-105 kDa.

## 靶标

**相关性** Hsp104 is a molecular chaperone required for stress tolerance and for maintenance of [psi(+)] prions in the budding yeast *Saccharomyces cerevisiae*. Hsp104 is vital to protect yeast cells against high temperature and high concentration of ethanol. It is not required for normal growth.

**细胞定位** Cytoplasmic and Nuclear

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