



### Anti-Hsp104 antibody ab69549

[13 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-Hsp104 antibody
<b>Description</b>	Rabbit polyclonal to Hsp104
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab69549 detects an ~104 kDa protein, corresponding to the apparent molecular mass of Hsp104 on SDS-PAGE immunoblots, in samples from yeast ( <i>S. cerevisiae</i> ) origins. This antibody also detects an ~50 kDa band in yeast samples on immunoblot analysis. No reactivity is detected in immunoblot analysis with human, mouse, rat, monkey, and hamster proteins.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> <i>Saccharomyces cerevisiae</i>
<b>Immunogen</b>	Synthetic peptide: DDDNEDSMEIDDDL conjugated to KLH, corresponding to amino acids 894-908 of <i>Saccharomyces cerevisiae</i> Hsp104 <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	<i>S. cerevisiae</i> cell lysate.
<b>General notes</b>	<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>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS
<b>Purity</b>	Protein A purified

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab69549 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

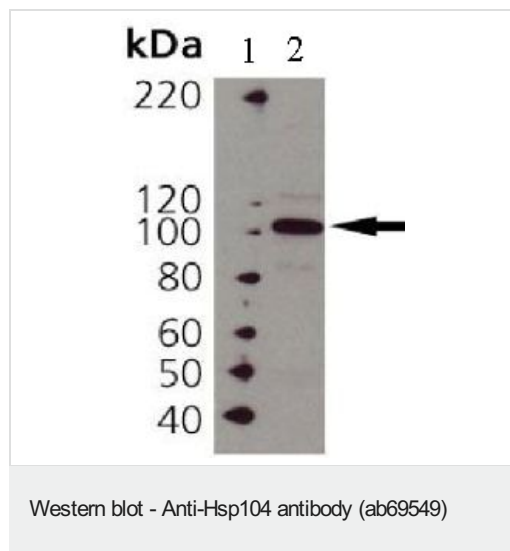
Application	Abreviews	Notes
<b>WB</b>		1/5000. Detects a band of approximately 104, 50 kDa (predicted molecular weight: 102 kDa).
<b>IP</b>		1/100.

## Target

**Relevance** 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.

**Cellular localization** Cytoplasmic and Nuclear

## Images



**All lanes :** Anti-Hsp104 antibody (ab69549) at 1/1000 dilution

**Lane 1 :** Molecular weight marker

**Lane 2 :** Lysates prepared from *saccharomyces cerevisiae*

**Predicted band size:** 102 kDa

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

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