

Product datasheet

Anti-Hsc82 antibody ab30920

2 References 1 Image

Overview

Product name	Anti-Hsc82 antibody
Description	Rabbit polyclonal to Hsc82
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Saccharomyces cerevisiae
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 650 to the C-terminus of Saccharomyces cerevisiae Hsc82. Read Abcam's proprietary immunogen policy (Peptide available as ab31800 .)
Positive control	Saccharomyces cerevisiae Whole Cell Lysate

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab30920** 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
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 81 kDa (predicted molecular weight: 81 kDa).

Target

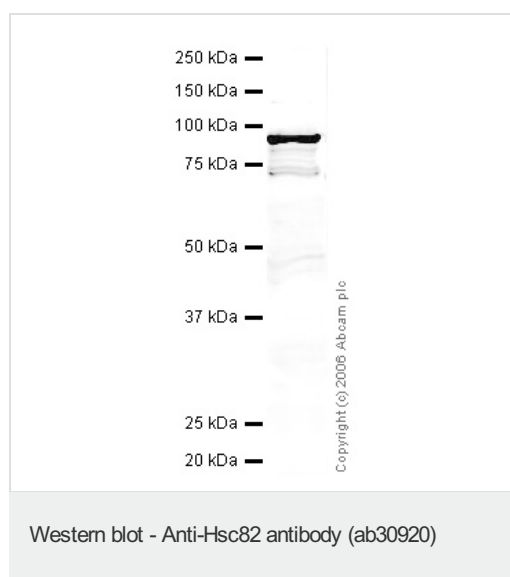
Relevance

The budding yeast *Saccharomyces cerevisiae* has two genes, HSP82 and HSC82, that encode homologues of HSP90. HSC82 is a molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved in cell cycle control. Cells overexpressing Hsc82 are hypersensitive to various stresses including high concentrations of NaCl. The phenotypes associated with the sensitivity to salt stress of Hsc82-overexpressing cells are similar to those of calcineurin-defective mutants.

Cellular localization

Cytoplasmic and Mitochondrial

Images



Anti-Hsc82 antibody (ab30920) at 1 µg/ml + *Saccharomyces cerevisiae* Whole Cell Lysate at 20 µg

Secondary

IRDye 680 Conjugated Goat Anti-Rabbit IgG (H+L) at 1/15000 dilution

Performed under reducing conditions.

Predicted band size: 81 kDa

Observed band size: 81 kDa

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