

### Anti-NSP1 antibody [32D6] ab4641

★★★★★ [1 Abreviews](#) [8 References](#) [1 图像](#)

#### 概述

产品名称	Anti-NSP1抗体[32D6]
描述	小鼠单克隆抗体[32D6] to NSP1
宿主	Mouse
特异性	This antibody was initially identified as directed against a nuclear pore complex antigen by immunofluorescence localization. A screen of a lgt11 expression library yielded a single positive clone carrying an insert bearing ~66% of the C-terminal portion of NSP1. To confirm that 32D6 possessed high affinity for NSP1, strain RS453, which expresses a shortened isoform of NSP1, was compared to the wildtype strain BJ5465. NSP1 in RS453 contains an internal deletion that removes the coding sequence for 6 FXFG repeats, which are not essential for function and encodes a protein that has been observed to migrate at approximately 85 kDa on SDS gels. The predicted size of wildtype NSP1 is 86.5 kDa, but NSP1 has been observed to migrate on SDS gels at ~100 kDa. In our gels, the apparent molecular mass of wildtype NSP1 was 108 kDa, whereas the short isoform of NSP1 in RS453 migrated at 91 kDa. The detection of two protein bands of apparent sizes 108 kDa and 91 kDa in BJ5465 and RS453, respectively, demonstrated that 32D6 recognized the pore complex protein NSP1.
经测试应用	<b>适用于:</b> ICC/IF, WB
种属反应性	<b>与反应:</b> <i>Saccharomyces cerevisiae</i>
免疫原	Tissue, cells or virus corresponding to NSP1. Yeast nuclear preparations
常规说明	This antibody is a useful marker of yeast nuclear pores.

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#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

存储溶液	Preservative: 0.065% Sodium azide Constituent: Tissue culture supernatant
纯度	Tissue culture supernatant
纯化说明	Sterile filtered.
Primary antibody说明	This antibody is a useful marker of yeast nuclear pores.
克隆	单克隆
克隆编号	32D6
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab4641于以下的经测试应用

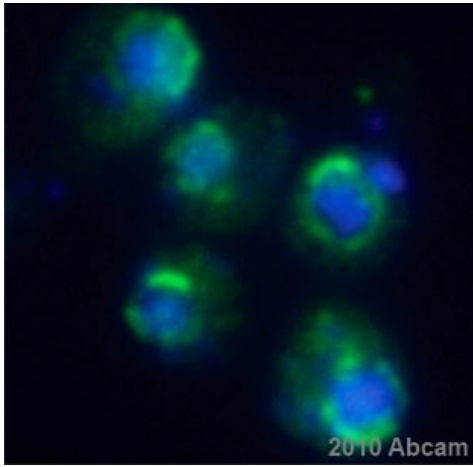
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF	★★★★★ (1)	1/1000. Yeast cells.
WB		1/10000 - 1/50000. Detects a band of approximately 108,91 kDa (predicted molecular weight: 85 kDa). 1/10000 (cell lysates) - 1/50000 (nuclear fractions). For other (non-ECL) detection methods, 1/1000 - 1/5000.

靶标

相关性	NSP1 functions as a component of the nuclear pore complex (NPC). It plays an important role in several nuclear transport pathways including poly(A)+ RNA, tRNA, pre-ribosome, signal recognition particle (SRP), and protein transport.
细胞定位	Nuclear membrane: part of the nuclear pore complex, it presents a symmetric distribution with a cytoplasmic and a nucleoplasmic side.

图片



ab4641 (1/5000) detecting NSP1 in *Saccharomyces cerevisiae* DDY1810 (green). Cells were fixed in paraformaldehyde, permeabilized in methanol/acetone and counterstained with DAPI in order to highlight the nucleus (blue). For further experimental details please refer to Abreview.

Immunocytochemistry/ Immunofluorescence - Anti-NSP1 antibody [32D6] (ab4641)

Image courtesy of an anonymous Abreview.

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

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