



POLYCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. 62-021

Anti -Toa1p antibody

BACKGROUND

The fundamental transcription factor TFIIA stabilizes the DNA binding of TATA box-binding protein (TBP). It also plays a very important role in the activation of fundamental transcription factor TFIID by the function of the transcription regulator factor. The budding yeast TFIIA is composed of two subunits, **Toa1p** (286aa) and Toa2p (122aa).

The product was prepared by immunizing rabbit with recombinant protein which was over-expressed in *E. coli* with a plasmid carrying the entire **Toa1p** protein (1-286aa) of budding yeast, and purified by chromatography.

Using the product as antiserum in Western blotting, the band of 48 kD pertaining to **Toa1p** was obtained from the extract of yeast cells (Fig. 1).

Product type	Primary antibodies
Host	Rabbit
Source	Serum
Form	0.1% sodium azide added to the antiserum
Volume	50 μ L
Concentration	
Specificity	
Antigen	Recombinant Toa1p expressed in <i>E. coli</i>

Application notes 1. Western blotting 2. ELISA
Other applications have not been tested.
Optimal dilutions/concentrations should be determined by the end user.

Data Link SGD [TOA1/YOR194C](#)

Storage Shipped at 4°C and store at -20°C

References 1. Ranish JA *et al* "Isolation of two genes that encode subunits of the yeast transcription factor IIA." *Science* **255**: 1127-1129 PMID: [1546313](#)



Anti -Toa1p antibody

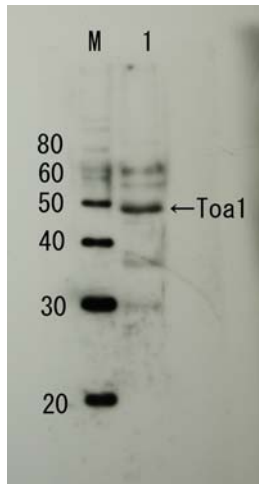


Fig.1 Detection of Toa1p by Western blotting using the Toa1p antibody.

Lane1: Extract of budding yeast

The antiserum was diluted 5,000 fold before use.

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COSMO BIO Co., LTD.

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TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

URL: <http://www.cosmobio.co.jp>

e-mail: export@cosmobio.co.jp

[Outside Japan] Phone : +81-3-5632-9617

[国内連絡先] Phone : +81-3-5632-9610

FAX : +81-3-5632-9618

FAX : +81-3-5632-9619