

Anti-Toa1 (*S. cerevisiae*) antibody, rabbit serum

Product code	62-021
Size	100 µl
Storage	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Concentration	N/A
Buffer	0.1% sodium azide
Purity	Rabbit antiserum
Immunogen	Recombinant His-tagged Toa1 protein (1-286aa) produced in <i>E. coli</i>
Isotype	Rabbit IgG
Reactivity	<i>S. cerevisiae</i> Toa1 protein
Special notes	N/A
Application	1. Western blotting (1/1,000~1/5,000) Not tested for other applications
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).
Data Link	SGD TOA1/YOR194C UniProKB: P32773 (TOA1_YEAST)
Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.	

Data Images: 62-021 Anti-Toa1 (*S. cerevisiae*) antibody, rabbit serum

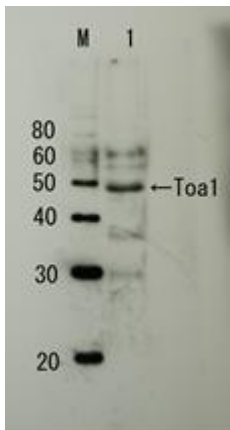


Fig.1 Detection of endogenous Toa1p by Western blotting

Lane M: Protein size markers (kDa)

Lane1: Extract of budding yeast

The antiserum was used at 1/5,000 dilution.

Molecular mass of Toa1 is 32.2 kDa, but it shows apparent size of 45~47 kDa in SDS-PAGE-WB as in other publications.

Reference: This antibody was described and used in the following publication.

1. Takahashi H. et al. *Saccharomyces cerevisiae* Med9 comprises two functionally distinct domains that play different roles in transcriptional regulation. [Genes Cells](#). 2009 Jan;14(1):53-67. doi: 10.1111/j.1365-2443.2008.01250.x PMID:[19077037](#) WB