

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

Cat.# 62-021, Size:100 ul

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).

Specifications:

Reactivity: *S. cerevisiae* Toa1 protein.

Immunogen: Recombinant His-tagged Toa1 protein (1-286aa) produced in *E. coli*

Form: Whole antiserum added with 0.1% sodium azide

Storage: Ship at 4°C, and store at -20°C

Applications:

- Western blotting (1/1,000~1/5,000)

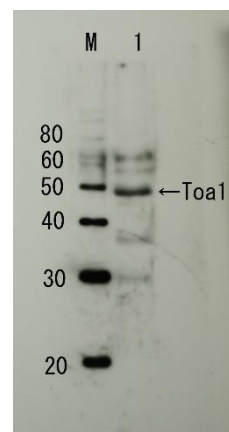


Fig. Detection of endogenous Toa1p by Western blotting

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.

Data Link SGD [TOA1/YOR194C](#)

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**