

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

62-021 100 µl

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

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

Form: Whole rabbit antiserum added with 0.1% sodium azide

Reactivity: *S. cerevisiae* Toa1 protein.

Applications: Western blotting (1/1,000~1/5,000)

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 UniProKB: [P32773](#) (TOA1_YEAST) SGD [TOA1/YOR194C](#)

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

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**

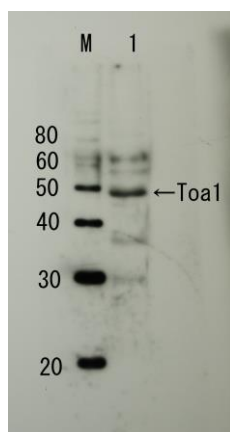


Fig. Detection of endogenous Toa1p by Western blotting

Lane M: Protein size markers (kDa)

Lane 1: 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..