

Anti-Sua7/ TFIIIB (*S. cerevisiae*) antibody, rabbit polyclonal, ChIP grade

Cat. # 62-009; Size: 100 ul

Background:

The fundamental transcription factor TFIIIB has the characteristics of stabilizing the DNA binding of TATA box-binding protein (TBP) and binding directly to DNA by its conformational change. Also its N terminal region binds to the RNA channel of RNA polymerase undertaking a very important role in the determination of transcription initiation point and promoter clearance. Sua7p is the TFIIIB of budding yeast and is composed of 346 amino acid residues (aa).

Specifications:

Reactivity: *S. cerevisiae* Sua7 / TFIIIB protein

Immunogen: Rcombinant His-tagged full-size Sua7 protein

Form: 0.1% sodium azide added to the antiserum

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

Applications:

- Western blotting. (1/1,000~1/5,000)
- Immunoprecipitation
- Chromatin Immuno-Precipitation
- ELISA

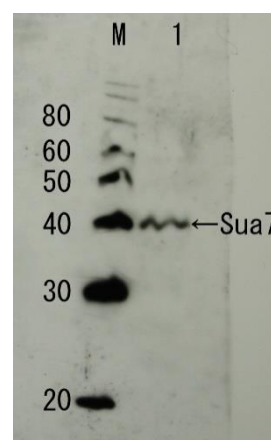


Fig.1 Detection of endogenous Sua7 protein by Western blotting.

M: protein size marker in kDa; Lane1, Crude extract of *S. cerevisiae*
The antiserum was diluted 5000 fold before use.

Data Link SGD [SUA7/YP086W](https://www.yeastgenome.org/locus/SUA7/YP086W)

References: This antibody has been used in the following publication.

1. Kasahara K. et al. Hmo1 directs pre-initiation complex assembly to an appropriate site on its target gene promoters bymasking a nucleosome-free region. [Nucleic Acids Res.](https://doi.org/10.1093/nar/gkq111) 2011 May;39(10):4136-50. PMID: [21288884](https://pubmed.ncbi.nlm.nih.gov/21288884/) **ChIP**