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

62-009 100 ul

Storage temperature: Ship at 4℃and store at -20℃

Reactivity: S. cerevisiae Sua7 / TFIIB protein

Immunogen: Rcombinant His-tagged full-size Sua7 protein

Applications

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

Form: 0.1% sodium azide added to the antiserum

Background: The fundamental transcription factor TFIIB 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 TFIIB of budding yeast and is composed of 346 amino acid residues (aa)

Data Link SGD SUA7/YPR086W

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

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. 2011 May;39(10):4136-50. PMID: 21288884 **ChIP**

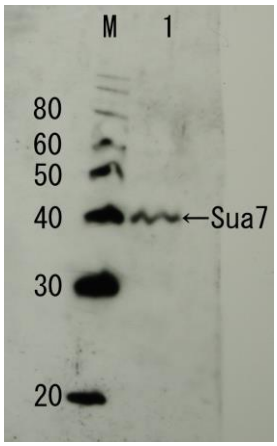

Fig.1 Detection of endogenous Sua7 protein by Western blotting.
M; protein size marker in kDa
Lane1, Crude extract of S. cerevisiae
The antiserum was diluted 5000 fold before use.

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