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

Product code	62-009
Size	100 µl
Storage	Store at 4℃ for short term. For long term storage store at -20℃. Aliquot to avoid repeated freezing and thawing.
Concentration	N/A
Buffer	0.1% sodium azide
Purity	Rabbit antiserum
Immunogen	Rcombinant His-tagged full-size Sua7 protein
Isotype	Rabbit IgG
Reactivity	*S. cerevisiae* Sua7 / TFIIB protein
Special notes	N/A
Application	1. Western blotting. (1/1,000~1/5,000) 2. Immunoprecipitation 3. Chromatin Immuno-Precipitation 4. ELISA
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.
Data Link	UniProtKB SUA7/YPR086W

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Data Images: 62-009 Anti-Sua7 / TFIIB (*S. cerevisiae*) antibody, rabbit serum, ChIP grade

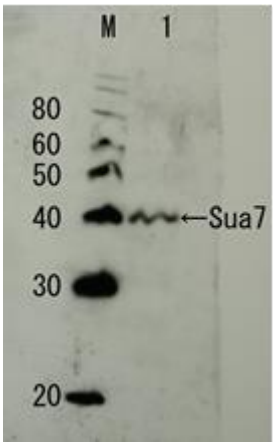

Fig.1 Detection of endogenous Sua7 protein by Western blotting.
M; protein size marker in kDa
Lane1, Crude extract of S. cerevisiae
The antiserum was diluted 5000 fold before use.

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

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