

Anti-Sua7p/TF II B (yeast) antibody

Immuned Animal: Rabbit

Polyclonal antiserum

62-009 50 µl, 62-010 250 µl

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).

The product is prepared by immunizing rabbit with recombinant protein which was over-expressed in *E. coli* with a plasmid carrying the entire Sua7p protein (1-346aa) of budding yeast, and purified by chromatography.

Using the product as antiserum in Western blotting, the band of 41 kD pertaining to Sua7p was obtained from the extract of yeast cells (Fig. 1).

Applications

- 1) It can be used in Western blotting or ELISA for the detection and titration of budding yeast Sua7p.

Specifications

Form: 0.1% sodium azide added to the antiserum.

Storage: 4°C



Fig. 1 Detection of Sua7p by Western blotting using the Sua7p antibody.

Lane 1, Extract of budding yeast.

The antiserum was diluted 5000 fold before use.

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