

Anti-Tfg2p antibody

Immuned Animal: Rabbit

Polyclonal antiserum

62-019 50 µl, 62-020 250 µl

The basal transcription factor TFIIF binds with RNA polymerase II and takes part in the transcription initiation reaction and the elongation reaction. The budding yeast TFIIF is composed of three subunits, Tfg1p (735aa), Tfg2p (400aa) and Taf14p (244aa).

The product is prepared by immunizing rabbit with recombinant protein which was over-expressed in *E. coli* with a plasmid carrying the entire region of Tfg2p protein (1-400aa) of budding yeast, and purified by chromatography.

Using this antiserum in Western blotting, the band of 54 kD corresponding to Tfg2p 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 Tfg2p.

Specifications

Form: 0.1% sodium azide added to the antiserum.

Storage: 4°C

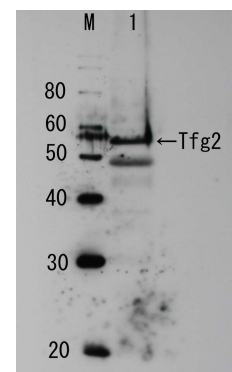


Fig. 1 Detection of Tfg2p by Western blotting using the Tfg2p antibody.

Lane 1, Extract of budding yeast.

The antiserum was diluted 5000 fold before use.

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