Anti-Taf11p antibody

Immuned Animal: Rabbit

Polyclonal antiserum

62-018 250 μl

The basal transcription factor TFIID plays a central role in the regulation of gene expression in Eukaryota and is a large protein complex composed of TATA box-binding protein (TBP) and 14 kinds of TBP-associated factors (TAF). TFIID directly recognizes and binds to different kinds of core promoter elements that localize near the transcription initiation site and forms a scaffold for the other basal transcription factors to assemble. At the same time, it transmits transcriptional activation signal originating from transcription regulating factors to RNA polymerase II. Taf11p is one of the subunits of TFIID and in the case of budding yeast, it 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 then N-terminal domain of Taf11p protein (1-176aa) of budding yeast, and purified by chromatography.

Using this antiserum in Western blotting, the band of 45 kD corresponding to Taf11p 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 Taf11p.

Specifications

Form: 0.1% sodium azide added to the antiserum.

Storage: 4℃

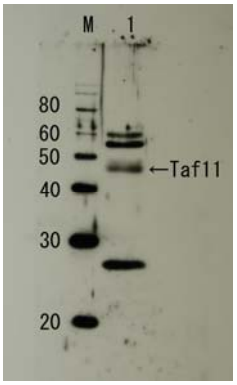

Fig. 1 Detection of Taf11p by Western blotting using the Taf11p antibody.

Lane 1, Extract of budding yeast.

The antiserum was diluted 5000 fold before use.