

Anti-Taf11 (*S. cerevisiae*) antibody, rabbit polyclonal

Catalog # 62-017 100 µl

Description

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).

Applications

Western blot 1:500-1,000 dilution

Not tested for other applications

Specifications

Immunogen: Recombinant His-tagged *S. cerevisiae* Taf11 (1-176 aa) expressed in *E. coli*.

Form: Rabbit antiserum with 0.1% sodium azide

Storage: Ship 4°C and store at -20°C

Data Link

SGD TAF11/YML015C, UnProt Q04226 (TAF11_YEAST)

References

1. Takahata S et al "Autonomous function of the amino-terminal inhibitory domain of TAF1 in transcriptional regulation" *Mol Cell Biol* 24: 3089-3099 (2004) PMID: 15060133

2. Kasahara K. et al. *Saccharomyces cerevisiae* HMO1 interacts with TFIID and participates in start site selection by RNA polymerase II. *Nucleic Acids Res.* 2008 Mar;36(4):1343-57. doi: 10.1093/nar/gkm1068

Fig.1 Detection of endogenous Taf11 in whole cell extract of *S. cerevisiae* by Western blot, using the Taf11 antibody. The antiserum was used at 1/500 dilution

