Bio Academia
Manufacturer

AS ONE

Anti-Taf10 (S. cerevisiae) antibody, rabbit serum

Catalog # 62-015 100 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. Taf10p is one of the subunits of TFIID and in the case of budding yeast, it is composed of 206 amino acid residues. Taf10p is also a subunit of histoneacetylase complex SAGA which is said to have an overlapping function with TFIID. This protein contains histone folds in its interior and forms dimers with Taf3p and Taf8p each.

Applications

1. Western Blot

Not tested for other applications.

Specifications

Immunogen: Full-length His6-tagged recombinant Taf10 protein Expressed in E. coli

Form: Whole antiserum with 0.1% sodium azide

Storage: Ship at 4°C. Upon arrival, briefly centrifuge, aliquot, and store at -20°C

Data Link: UniProtKB/Swiss-Prot Q12030

SGD TAF10/YDR167W

References This antibody was used in the following publication

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 WB

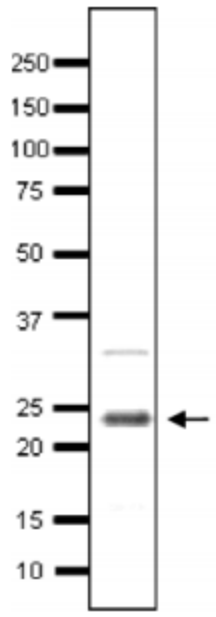

Fig.1 Detection of Taf10p by Western blot using the Taf10p antibody. Whole cell extract of S. cerevisiae. The antiserum was used at 1/500 fold.