

Anti-Taf7 (*S. cerevisiae*) antibody, rabbit serum

62-024 100 µl,

Shipping and Storage: Shipped at 4°C or -20°C and stored at -20°C for long period.

Immunogen: Recombinant His-tagged Taf7 protein (1-214 aa) produced in *E. coli*

Form: Whole antiserum added with 0.1% sodium azide

Reactivity: *S. cerevisiae* Taf7 protein. Not tested with other species

Applications: Western blotting (1/500). Not tested for other applications.

Background: Taf3 functions as a component of the DNA-binding general transcription factor complex TFIID. Binding of TFIID to a promoter (with or without TATA element) is the initial step in pre-initiation complex (PIC) formation. TFIID plays a key role in the regulation of gene expression by RNA polymerase II through different activities such as transcription activator interaction, core promoter recognition and selectivity, TFIIA and TFIIB interaction, chromatin modification (histone acetylation by TAF1), facilitation of DNA opening and initiation of transcription. TAF7 is responsible for the recruitment of BDF1 to TATA element containing promoters.

Data Link: UniProt [Q05021](https://www.uniprot.org/uniprot/Q05021) (TAF7_YEAST)

SGD [S000004840](https://www.yeastgenome.org/locus/S000004840) TAF7 / YMR227C

Reference: This antibody was described and 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.](https://doi.org/10.1093/mcb/24.8.3089) 2004 Apr;24(8):3089-99.

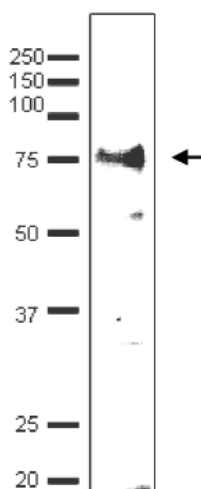


Fig.1 Detection of endogenous Taf7 by Western blotting using the anti-Taf7 antibody.

The antibody was used at 1/500 dilution.

Blotting was done with wet system.