

**Anti-Taf3 (*S. cerevisiae*) antibody, rabbit serum**

62-023      100  $\mu$ l

**Shipping and Storage:** Shipped at 4°C or -20°C and stored at -20°C

**Immunogen:** Recombinant His-tagged Taf3 protein produced in *E. coli*

**Form:** Whole antiserum added with 0.1% sodium azide

**Reactivity:** Reacts with *S. cerevisiae* Taf3. Not tested with other species.

**Applications:** Western blotting. Not tested for other applications.

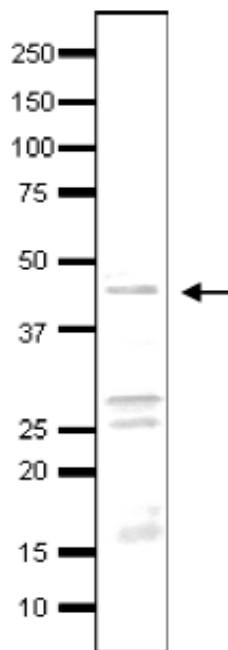
**Background:** Taf3 functions as a component of the DNA-binding general transcription factor complex TFIID. Binding of TFIID to a promoter (with or without TATA element) is the initial step in pre-initiation complex (PIC) formation. TFIID plays a key role in the regulation of gene expression by RNA 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.

Taf3 consists of 353 amino acids with molecular mass of 40,296 Da.

**Data Link** UniProt [Q12297](#) (TAF3\_YEAST), SGD [S000005932](#) TAF3 / YPL011C

**Reference:** This antibody was described and used in the following publication.

Takahata K. et al. Autonomous function of the amino-terminal inhibitory domain of TAF1 in transcriptional regulation. [Mol Cell Biol.](#) 2004 Apr;24(8):3089-99.



**Fig. Detection of endogenous Taf3 by western blotting in whole cell extract of *S. cerevisiae*, using anti-Taf3 antibody.**

The antibody was used at at 1/500 dilution.  
Blotting was done with wet system