



## **Anti- TAF2 (Transcription initiation factor TFIID subunit 2, or TBP-associated factor 2) Polyclonal Antibody**

**Category:** Polyclonal Antibody

**Catalog #:** AB3E223

**Antigen Synonym:** TAF150(BP-associated factor 150 kDa), TSM1, YCR42C, YCR724

**Species Reactivity:** Baker's Yeast (*Saccharomyces cerevisiae*)

### **Immunogen/Specificity:**

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to very C-terminal residues of Baker's Yeast (*Saccharomyces cerevisiae*) TAF2 (Transcription initiation factor TFIID subunit 2, or TBP-associated factor 2)

**Description:** TAF2 (Transcription initiation factor TFIID subunit 2, or TBP-associated factor 2) 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. The 1.2 MDa TFIID complex is composed of TATA binding protein (TBP) and the 14 TBP-associated factors.

### **Reference:**

Jacquet,M., et al, *Yeast* 7 (8), 881-888 (1991)  
Ray,B.L., et al, *Curr. Genet.* 20 (1-2), 25-31 (1991)  
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Sanders,S.L. and Weil,P.A., *J. Biol. Chem.* 275 (18), 13895-13900 (2000)  
Sanders,S.L., et al, *Mol. Cell. Biol.* 22 (16), 6000-6013 (2002)  
Martinez,E., *Plant Mol. Biol.* 50 (6), 925-947 (2002)  
Ghaemmaghami,S., et al, *Nature* 425 (6959), 737-741 (2003)  
Leurent,C., et al, *EMBO J.* 21 (13), 3424-3433 (2002)

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