



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

Antigen Synonym: TAF150(TBP-associated factor 150), TAFII-150, TSM1, YCR42C, YCR724

Category: Polyclonal Antibody

Catalog #: AB2E221

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

Description: TAF2(TBP-associated factor 2, Transcription initiation factor TFIID subunit 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. One copy of each TAF1, TAF2, TAF3, TAF7, TAF8, TAF11, TAF13, two copies of each TAF4, TAF5, TAF6, TAF9, TAF10, TAF12, and three copies of TAF14.

Immunogen/Specificity:

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

Reference:

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Sanders,S.L. and Weil,P.A. et al, *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)
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