

DATASHEET

TAF3 Rabbit Polyclonal Antibody

CAT. NO. APA10817

KEY FEATURES

Target	TAF3	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription -dependent transcription . TFIID recognizes and binds promoters with or without a TATA box via its subunit TBP, a TATA-box-binding protein, and promotes assembly of the pre-initiation complex (PIC) . The TFIID complex consists of TBP and TBP-associated factors (TAFs), including TAF1, TAF2, TAF3, TAF4, TAF5, TAF6, TAF7, TAF8, TAF9, TAF10, TAF11, TAF12 and TAF13 . The TFIID complex structure can be divided into 3 modules TFIID-A, TFIID-B, and TFIID-C . TAF3 forms the TFIID-A module together with TAF5 and TBP . Required in complex with TBPL2 for the differentiation of myoblasts into myocytes .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

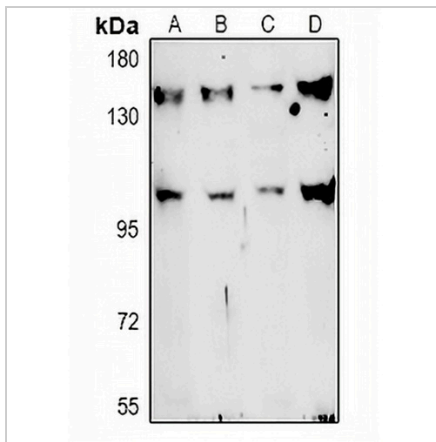
Description	Rabbit polyclonal antibody to TAF3
Specificity	Recognizes endogenous levels of TAF3 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TAF3. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 103 kD; Observed: 103; 140 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Transcription initiation factor TFIID subunit 3; 140 kDa TATA box-binding protein-associated factor; TBP-associated factor 3; Transcription initiation factor TFIID 140 kDa subunit; TAF(II)140; TAF140; TAFII-140; TAFII140
Gene Symbol	TAF3
Entrez Gene	83860(Human); 209361(Mouse)
SwissProt	Q5VWG9(Human); Q5HZG4(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TAF3 expression in SP20 (A), C6 (B), MCF7 (C), K562 (D) whole cell lysates. (Predicted band size: 103 kD; Observed band size: 103; 140 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.