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Anti-TAF3 Antibody

Catalog # AP61007

Product Information

Application	WB
Primary Accession	Q5VWG9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103582

Additional Information

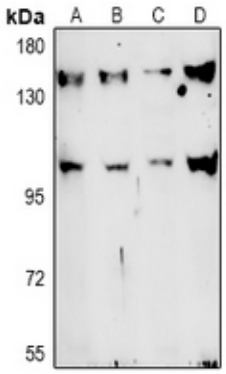
Gene ID	83860
Other Names	Transcription initiation factor TFIID subunit 3; 140 kDa TATA box-binding protein-associated factor; TBP-associated factor 3; Transcription initiation factor TFIID 140 kDa subunit; TAF(II)140; TAF140; TAFII-140; TAFII140
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TAF3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	TAF3
Function	The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed:33795473). 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) (PubMed:33795473). 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 (PubMed:33795473). The TFIID complex structure can be divided into 3 modules TFIID-A, TFIID-B, and TFIID-C (PubMed:33795473). TAF3 forms the TFIID-A module together with TAF5 and TBP (PubMed:33795473). Required in complex with TBPL2 for the differentiation of myoblasts into myocytes (PubMed:11438666). The TAF3- TBPL2 complex replaces TFIID at specific promoters at an early stage in the differentiation process (PubMed:11438666).

Cellular Location Nucleus.

Images



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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.