

**Anti-TAF3 Antibody**  
**Rabbit polyclonal antibody to TAF3**  
**Catalog # AP61007****Specification**

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**Anti-TAF3 Antibody - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | <b>WB</b>                |
| Primary Accession | <a href="#">Q5VWG9</a>   |
| Other Accession   | <a href="#">Q5HZG4</a>   |
| Reactivity        | <b>Human, Mouse, Rat</b> |
| Host              | <b>Rabbit</b>            |
| Clonality         | <b>Polyclonal</b>        |
| Calculated MW     | <b>103582</b>            |

**Anti-TAF3 Antibody - 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 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-TAF3 Antibody - 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: <a href="http://www.uniprot.org/citations/33795473" target="\_blank">33795473</a>). 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: <a href="http://www.uniprot.org/citations/33795473" target="\_blank">33795473</a>). 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:<a href="http://www.uniprot.org/citations/33795473" target="\_blank">33795473</a>). The TFIID complex structure can be divided into 3 modules TFIID-A, TFIID-B, and TFIID-C (PubMed:<a href="http://www.uniprot.org/citations/33795473" target="\_blank">33795473</a>). TAF3 forms the TFIID-A module together with TAF5 and TBP (PubMed:<a href="http://www.uniprot.org/citations/33795473" target="\_blank">33795473</a>). Required in complex with TBPL2 for the differentiation of myoblasts into myocytes (PubMed:<a href="http://www.uniprot.org/citations/11438666" target="\_blank">11438666</a>). The TAF3-TBPL2 complex replaces TFIID at specific promoters at an early stage in the differentiation process (PubMed:<a href="http://www.uniprot.org/citations/11438666" target="\_blank">11438666</a>).

### Cellular Location

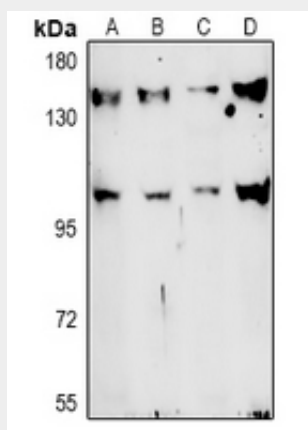
Nucleus.

### Anti-TAF3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-TAF3 Antibody - Images



Western blot analysis of TAF3 expression in SP20 (A), C6 (B), MCF7 (C), K562 (D) whole cell lysates.

### Anti-TAF3 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TAF3. The exact sequence is proprietary.