

**TAF3 Antibody**  
**Rabbit mAb**  
**Catalog # AP93016****Specification**

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**TAF3 Antibody - Product Information**

Application	WB, IHC, ICC
Primary Accession	<a href="#">Q5VWG9</a>
Clonality	Monoclonal
<b>Other Names</b>	
TAF140; TAF3; TAFII140; TAFII155 protein;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	103582 Da

**TAF3 Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TAF3
Description	Transcription factor TFIID is one of the general factors required for accurate and regulated initiation by RNA polymerase II. TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. Required in complex with TBPL2 for the differentiation of myoblasts into myocytes. The complex replaces TFIID at specific promoters at an early stage in the differentiation process.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**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

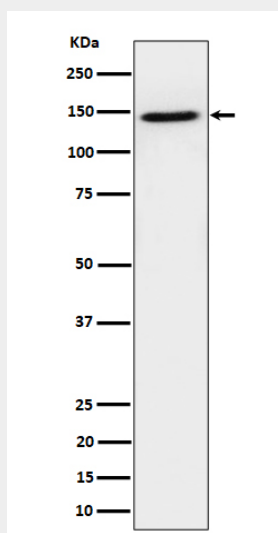
Nucleus.

### 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](#)

### TAF3 Antibody - Images



Western blot analysis of TAF3 expression in HeLa cell lysate.