

# Anti-TAF6 antibody [585D4α] ab51026

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### Overview

<b>Product name</b>	Anti-TAF6 antibody [585D4a]
<b>Description</b>	Mouse monoclonal [585D4a] to TAF6
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP, ICC
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment corresponding to TAF6. Database link: <a href="#">P49848-1</a>
<b>Positive control</b>	HEK293 whole cell lysate. HeLa cell lysate.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at 4°C (stable for up to 12 months). Store at -20°C or -80°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 1% BSA, PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purified using protein G chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG depleted (approximately 95%) fetal bovine serum. Filtered through a 0.22 micrometer membrane.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	585D4a
<b>Isotype</b>	IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab51026 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/50. Detects a band of approximately 73 kDa (predicted molecular weight: 73 kDa).
IP		Use at 10 µg/mg of lysate.
ICC		1/5.

## Target

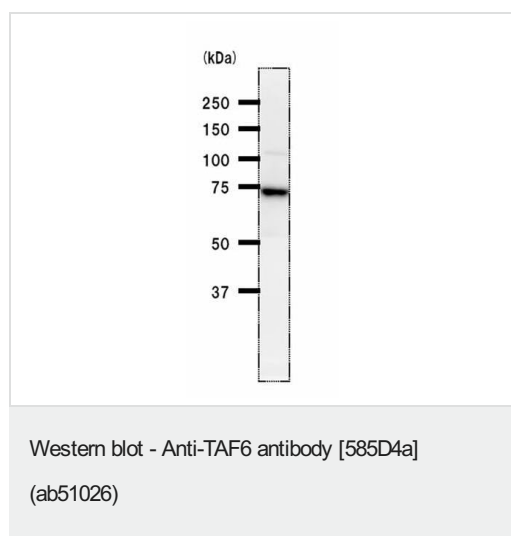
### Relevance

TAF6 is a subunit of transcription factor IID (TFIID). Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. TAF6 is one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1, the largest subunit of TFIID. Four isoforms have been identified but complete transcripts have been determined for only three isoforms. One of the isoforms has been shown to preclude binding of one of the other TFIID subunits, thereby reducing transcription and initiating signals that trigger apoptosis.

### Cellular localization

Nuclear

## Images



Anti-TAF6 antibody [585D4a] (ab51026) at 1/50 dilution + HEK293 whole cell lysate at 25 µg

### Secondary

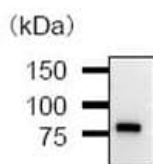
Mouse IgG antibody at 1/2500 dilution

Developed using the ECL technique.

**Predicted band size:** 73 kDa

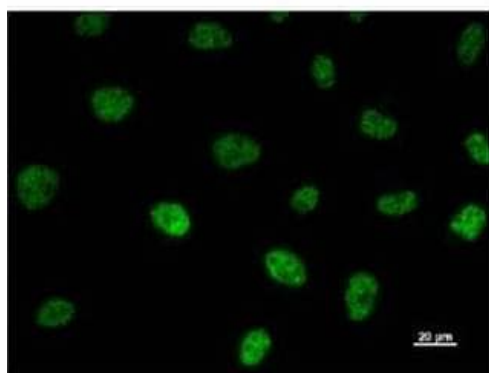
**Observed band size:** 73 kDa

**Additional bands at:** 105 kDa. We are unsure as to the identity of these extra bands.



Immunoprecipitation - Anti-TAF6 antibody [585D4a]  
(ab51026)

ab51026 was used at 5µg/500µg of RIPA lysate of HeLa cells. Western blot was labelled with ab51026 at 1/50 dilution followed by Mouse IgG antibody at 1/2500 dilution and developed using the ECL technique.



Immunocytochemistry - Anti-TAF6 antibody  
[585D4a] (ab51026)

HeLa cells labelled with ab51026 at 1/5 dilution. Alexa Fluor 488 Goat anti-Mouse IgG was used as secondary antibody at 1/200 dilution.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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