

# TAF9 rabbit monoclonal antibody

Catalog # H00006880-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human TAF9 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human TAF9 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human TAF9 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	<ol style="list-style-type: none"> <li>Customer may provide cell or tissue lysate for antibody screening.</li> <li>Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)<sub>2</sub>, IgG, scFv and different Fc and non-Fc conjugates per customer request.</li> </ol>

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — TAF9

Entrez GeneID	<a href="#">6880</a>
GeneBank Accession#	<a href="#">TAF9</a>
Gene Name	TAF9
Gene Alias	AD-004, AK6, CGI-137, CINAP, CIP, MGC1603, MGC3647, MGC5067, MGC:1603, MGC:3647, MGC:5067, TAF2G, TAFI31, TAFI32, TAFIID32
Gene Description	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa
Omim ID	<a href="#">600822</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptide s. 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. This gene encodes one of the smaller subunits of TFIID that binds to the basal transcription factor GTF2B as well as to several transcriptional activators such as p53 and VP16. A similar but distinct gene (TAF9L) has been found on the X chromosome and a pseudogene has been identified on chromosome 19. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000125186 OTTHUMP00000125196 TAF9 RNA polymerase II, TATA box binding protein-associated factor TATA box binding protein (TBP)-associated factor, RNA polymerase II, G, 32kD adenylate kinase 6 adrenal gland protein AD-004 coilin interacting protei

## Pathway

- [Basal transcription factors](#)

## Disease

- [Kidney Failure](#)