

Rabbit anti-Human TAF9 Polyclonal Antibody | anti-TAF9 antibody

TAF9 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286840	Rabbit	Human	Western Blot, ELISA, Immunofluorescence

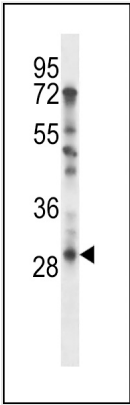
PRODUCT SYNONYMS

TAF9; Polyclonal Antibody; TAF9 Antibody (N-term); Transcription initiation factor TFIID subunit 9; RNA polymerase II TBP-associated factor subunit G; STAF31/32; Transcription initiation factor TFIID 31 kDa subunit; TAFII-31; TAFII31; Transcription initiation factor TFIID 32 kDa subunit; TAFII-32; TAFII32; TAF2G; anti-TAF9 antibody

PRODUCT SPECIFICATIONS

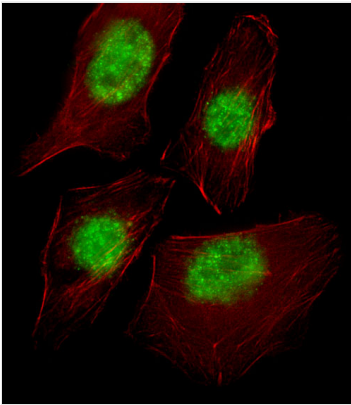
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TAF9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TAF9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	264
Applicable Applications for anti-TAF9 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

TAF9 Antibody (N-term) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the TAF9 antibody detected the TAF9 protein (arrow).



IF (Immunofluorescence)

Fluorescent image of U251 cell stained with TAF9 Antibody (N-term). U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with TAF9 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree).TAF9 immunoreactivity is localized to Nucleus significantly.

ADDITIONAL INFORMATION

Related Product Information for anti-TAF9 antibody	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. 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.
References	Kim, D.H., et al. BMB Rep 42(7):411-417(2009) Sengupta, T., et al. Proc. Natl. Acad. Sci. U.S.A. 106(11):4213-4218(2009) Liu, X., et al. Mol. Cell. Biol. 28(1):108-121(2008) McKeegan, K.S., et al. Mol. Cell. Biol. 27(19):6782-6793(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865614
NCBI GeneID	6880
NCBI Accession #	NP_001015892.1; NP_003178.1
NCBI GenBank Nucleotide #	NM_001015892.1
UniProt Accession #	Q16594; Q5U0D1; Q9BTS1; D3DWA3
Molecular Weight	28974

NCBI Official Full Name	transcription initiation factor TFIID subunit 9
NCBI Official Synonym Full Names	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa
NCBI Official Symbol	TAF9
NCBI Official Synonym Symbols	TAF2G; TAFII31; TAFII32; MGC:5067; TAFII-31; TAFII-32; TAFIID32; STAF31/32
NCBI Protein Information	transcription initiation factor TFIID subunit 9
UniProt Protein Name	Transcription initiation factor TFIID subunit 9
UniProt Gene Name	TAF9
UniProt Synonym Gene Names	TAF2G; TAFII31; TAFII-31; TAFII31; TAFII-32; TAFII32
UniProt Entry Name	TAF9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/taf9-antibody-western-blot-immunofluorescence-elisa/286840>