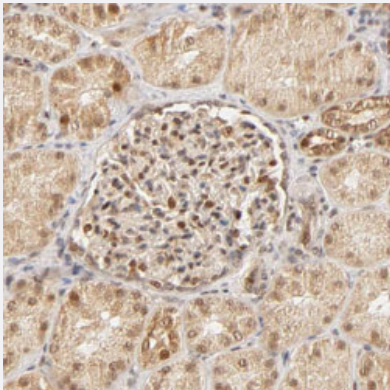


TAF10 polyclonal antibody

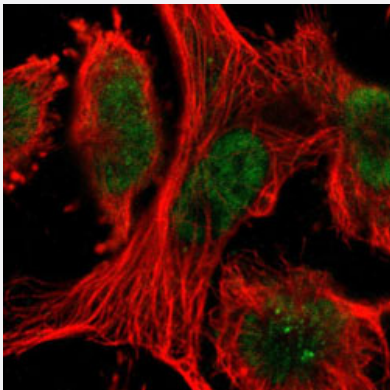
Catalog # PAB30678 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with TAF10 polyclonal antibody (Cat # PAB30678) shows distinct nuclear positivity in glomeruli.



Immunofluorescence

Immunofluorescent staining of U-251 MG with TAF10 polyclonal antibody (Cat # PAB30678) (Green) shows positivity in nucleus.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human TAF10.
Immunogen	Recombinant protein corresponding to human TAF10.
Sequence	SNGVYVLPSAANGDVKPVVSSTPLVDFLMQLEDYTPTIPDAVTGYLNRAGFEASDPRIIRLISLAA QKFISDIANDALQHCKMKG TASGSSRSKSKDRKYLTMEDLTPALSEYGINVKKP
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — TAF10

Entrez GeneID	6881
Protein Accession#	Q12962
Gene Name	TAF10
Gene Alias	TAF2A, TAF2H, TAFII30
Gene Description	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa
Omim ID	600475
Gene Ontology	Hyperlink

Gene Summary

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 small subunits of TFIID that is associated with a subset of TFIID complexes. Studies with human and mammalian cells have shown that this subunit is required for transcriptional activation by the estrogen receptor, for progression through the cell cycle, and may also be required for certain cellular differentiation programs. [provided by RefSeq]

Other Designations

TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30 kD|TATA box binding protein (TBP)-associated factor, RNA polymerase II, H, 30kD|TBP-related factor 10|transcription initiation factor TFIID 30 kD subunit

Pathway

- [Basal transcription factors](#)