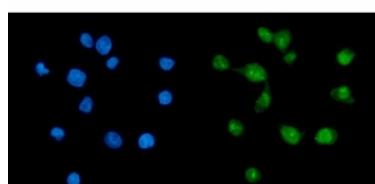


## TAF8 Antibody / TBN / TAFII-43 (RQ6580)

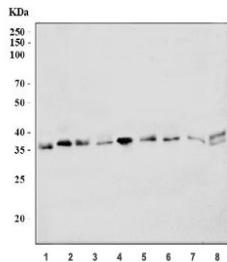
Catalog No.	Formulation	Size
RQ6580	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

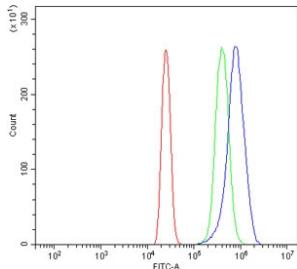
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q7Z7C8
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Western Blot : 1-2ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This TAF8 antibody is available for research use only.



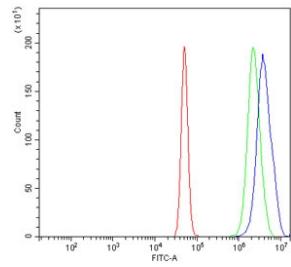
Immunofluorescent staining of FFPE human Caco-2 cells with TAF8 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human ThP-1, 3) rat heart, 4) rat testis, 5) rat PC-12, 6) mouse heart, 7) mouse testis, 8) mouse lung and 9) mouse RAW264.7 cell lysate with TAF8 antibody. Expected molecular weight: 34-43 kDa.



Flow cytometry testing of human HL60 cells with TAF8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TAF8 antibody.



Flow cytometry testing of human A431 cells with TAF8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TAF8 antibody.

## Description

Transcription initiation factor TFIID subunit 8 is a protein that in humans is encoded by the TAF8 gene. This gene encodes one of several TATA-binding protein (TBP)-associated factors (TAFs), which are integral subunits of the general transcription factor complex TFIID. TFIID recognizes the core promoter of many genes and nucleates the assembly of a transcription preinitiation complex containing RNA polymerase II and other initiation factors. The protein encoded by this gene contains an H4-like histone fold domain, and interacts with several subunits of TFIID including TBP and the histone-fold protein TAF10. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

## Application Notes

Optimal dilution of the TAF8 antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids K20-S310) was used as the immunogen for the TAF8 antibody.

## Storage

After reconstitution, the TAF8 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

