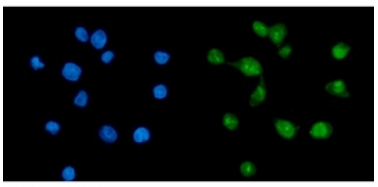
TAF8 Antibody / TBN / TAFII-43 (RQ6580)

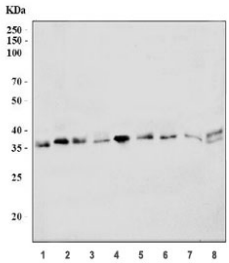
Catalog No.	Formulation	Size
RQ6580	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

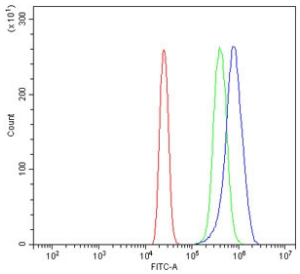
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7Z7C8
Localization	Cytoplasmic, nuclear
Applications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



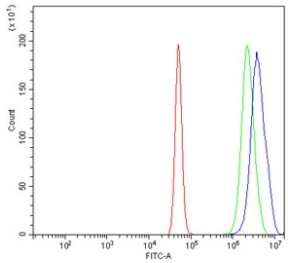
Immunofluorescent staining of FFPE human Caco-2 cells with TAF8 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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