

TAF4B Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12163B

Product Information

Application	FC, WB, E
Primary Accession	Q92750
Other Accession	NP_005631.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31986
Calculated MW	91091
Antigen Region	647-675

Additional Information

Gene ID	6875
Other Names	Transcription initiation factor TFIID subunit 4B, Transcription initiation factor TFIID 105 kDa subunit, TAF(II)105, TAFII-105, TAFII105, TAF4B, TAF2C2, TAFII105
Target/Specificity	This TAF4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 647-675 amino acids from the C-terminal region of human TAF4B.
Dilution	FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TAF4B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TAF4B
Synonyms	TAF2C2, TAFII105

Function	Cell type-specific subunit of the general transcription factor TFIID that may function as a gene-selective coactivator in certain cells. TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. TAF4B is a transcriptional coactivator of the p65/RELA NF- kappa-B subunit. Involved in the activation of a subset of antiapoptotic genes including TNFAIP3. May be involved in regulating folliculogenesis. Through interaction with OCBA/POU2AF1, acts as a coactivator of B-cell-specific transcription. Plays a role in spermiogenesis and oogenesis.
Cellular Location	Nucleus. Cytoplasm. Note=Export into the cytoplasm is mediated by a CRM1-independent nuclear export pathway and not by phosphorylation.
Tissue Location	Preferentially expressed in ovarian granulosa cells (at protein level). Highly expressed in B-cells

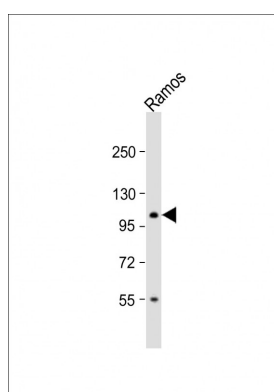
Background

TATA-binding protein associated factors (TAFs) participate, with TATA binding protein (TBP; MIM 600075), in the formation of the TFIID protein complex (see MIM 313650), which is involved in the initiation of gene transcription by RNA polymerase II (see MIM 180660).

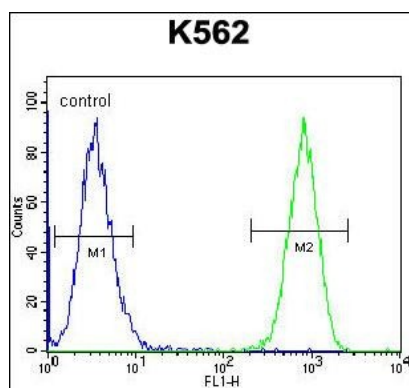
References

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 Knauff, E.A., et al. Hum. Reprod. 24(9):2372-2378(2009)
 Teye, K., et al. Int. J. Oncol. 33(6):1271-1280(2008)
 Liu, W.L., et al. Mol. Cell 29(1):81-91(2008)

Images



Anti-TAF4B Antibody (C-term) at 1:1000 dilution + Ramos whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 91 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



TAF4B Antibody (C-term) (Cat. #AP12163b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.