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TAF8 / TAFII43 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3059a

Specification

TAF8 / TAFII43 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q7Z7C8
Other Accession	NP_612639.2, 129685, 63856 (mouse), 316216 (rat)
Predicted	**Human, Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**34262**

TAF8 / TAFII43 Antibody (internal region) - Additional Information

Gene ID 129685

Other Names
Transcription initiation factor TFIID subunit 8, Protein taube nuss, TBP-associated factor 43 kDa, TBP-associated factor 8, Transcription initiation factor TFIID 43 kDa subunit, TAFII-43, TAFII43, hTAFII43, TAF8, TAFII43, TBN

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TAF8 / TAFII43 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TAF8 / TAFII43 Antibody (internal region) - Protein Information

Name TAF8

Synonyms TAFII43, TBN

Function
The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed:33795473). TFIID recognizes and binds promoters with or without a TATA

box via its subunit TBP, a TATA-box-binding protein, and promotes assembly of the pre-initiation complex (PIC) (PubMed:33795473). The TFIID complex consists of TBP and TBP-associated factors (TAFs), including TAF1, TAF2, TAF3, TAF4, TAF5, TAF6, TAF7, TAF8, TAF9, TAF10, TAF11, TAF12 and TAF13 (PubMed:33795473). The TFIID complex structure can be divided into 3 modules TFIID-A, TFIID-B, and TFIID-C (PubMed:33795473). TAF8 is involved in forming the TFIID-B module, together with TAF5 (PubMed:33795473). Mediates both basal and activator-dependent transcription (PubMed:14580349). Plays a role in the differentiation of preadipocyte fibroblasts to adipocytes, however, does not seem to play a role in differentiation of myoblasts (PubMed:14580349). Required for the integration of TAF10 in the TAF complex (PubMed:14580349). May be important for survival of cells of the inner cell mass which constitute the pluripotent cell population of the early embryo (By similarity).

Cellular Location
Nucleus. Cytoplasm Note=Predominantly nuclear.

TAF8 / TAFII43 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TAF8 / TAFII43 Antibody (internal region) - Images

TAF8 / TAFII43 Antibody (internal region) - References

The TBN protein, which is essential for early embryonic mouse development, is an inducible TAFII implicated in adipogenesis. Guermah M, Ge K, Chiang CM, Roeder RG, Molecular cell 2003 Oct 12 (4): 991-1001. PMID: 14580349