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TAF3 Rabbit mAb

Catalog # AP74840

Product Information

Application	WB, IHC-P
Primary Accession	Q5VWG9
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	103582

Additional Information

Gene ID	83860
Other Names	TAF3
Dilution	WB~~1:500-1:1000 IHC-P~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

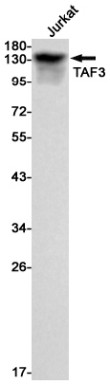
Name	TAF3
Function	The TFIID basal transcription factor complex plays a major role in the initiation of RNA polymerase II (Pol II)-dependent transcription (PubMed:33795473). TFIID recognizes and binds promoters with or without a TATA box via its subunit TBP, a TATA-box-binding protein, and promotes assembly 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). TAF3 forms the TFIID-A module together with TAF5 and TBP (PubMed:33795473). Required in complex with TBPL2 for the differentiation of myoblasts into myocytes (PubMed:11438666). The TAF3- TBPL2 complex replaces TFIID at specific promoters at an early stage in the differentiation process (PubMed:11438666).

Cellular Location Nucleus.

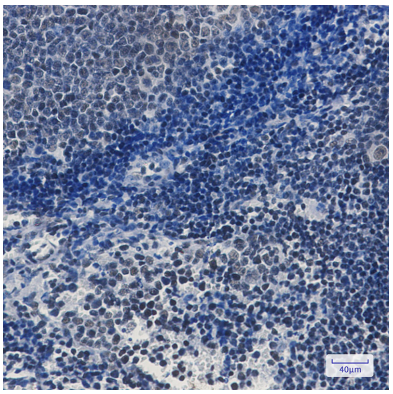
Background

TAF3, also named as TAF140, is a 140 kDa subunit of Transcription initiation factor TFIID. TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. TAF3 has some isoforms with 727aa (~80 kDa), 622aa and 929aa (105 kDa).

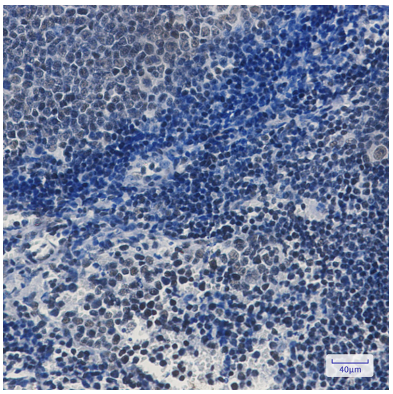
Images



Western blot analysis of TAF3 in Jurkat lysates using TAF3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using TAF3 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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