

For Research Use Only

# TAF1B Polyclonal antibody, PBS Only

Catalog Number: 12818-1-PBS



## Basic Information

**Catalog Number:**

12818-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3267

**GenBank Accession Number:**

BC018137

**GeneID (NCBI):**

9014

**UNIPROT ID:**

Q53T94

**Full Name:**

TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa

**Calculated MW:**

588 aa, 69 kDa

**Observed MW:**

69 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, Indirect ELISA

**Species Specificity:**

human

## Background Information

TAF1B is a component of the RNA polymerase I core factor complex that acts as a GTF2B/TFIIB-like factor and plays a key role in multiple steps during transcription initiation such as pre-initiation complex (PIC) assembly and postpolymerase recruitment events in polymerase I (Pol I) transcription. It binds to rDNA promoters and plays a role in Pol I recruitment as a component of the SL1/TIF-IB complex, and possibly directly through its interaction with RRN3 (PMID: 11250903; 11283244; 15970593; 21921199).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

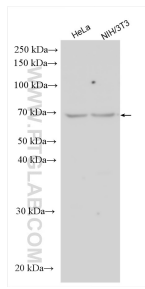
For technical support and original validation data for this product please contact:

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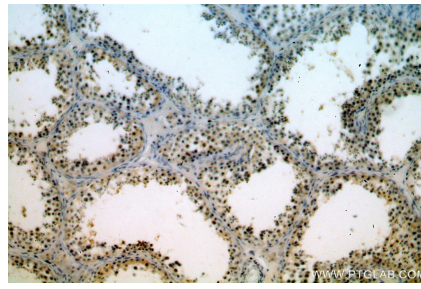
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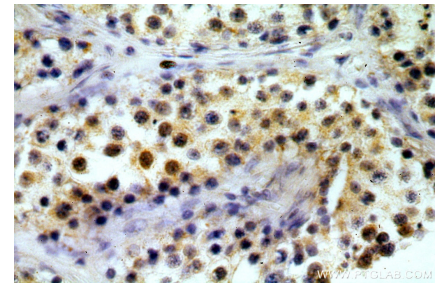
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12818-1-AP (TAF1B antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12818-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 12818-1-AP (TAF1B antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 12818-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 12818-1-AP (TAF1B antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 12818-1-PBS in a different storage buffer formulation.