

For Research Use Only

# TAF9B Polyclonal antibody

Catalog Number: 28713-1-AP

1 Publications



## Basic Information

### Catalog Number:

28713-1-AP

### Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG29633

### GenBank Accession Number:

BC010350

### GeneID (NCBI):

51616

### UNIPROT ID:

Q9HBM6

### Full Name:

TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa

### Calculated MW:

28 kDa

### Observed MW:

30 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, ColP

### Species Specificity:

Human, mouse

### Cited Species:

human

### Positive Controls:

WB : MCF-7 cells, K-562 cells

IP : HeLa cells,

IHC : mouse testis tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Transcription initiation factor TFIID subunit 9B (TAF9B), also names neuronal cell death-related protein 7, transcription initiation factor TFIID subunit 9-like, transcription-associated factor TAFII31L. It is essential for cell viability. TAF9 and TAF9B are involved in transcriptional activation as well as repression of distinct but overlapping sets of genes, may have a role in gene regulation associated with apoptosis. TAFs are components of the transcription factor IID (TFIID) complex, the TBP-free TAFII complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex. TFIID or TFTC are essential for the regulation of RNA polymerase II-mediated transcription. The calculated MW of TAF9B is 28 kDa, 28713-1-AP can detect a band around 30 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Siyuan Sun	38001062	Nat Commun	WB, ColP

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

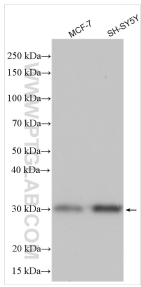
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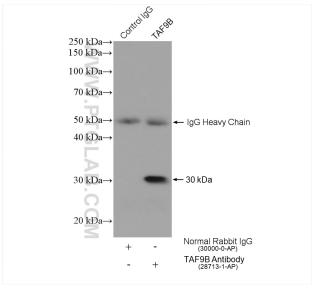
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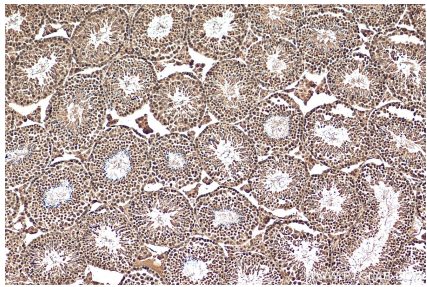
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28713-1-AP (TAF9B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-TAF9B (IP:28713-1-AP, 4ug; Detection:28713-1-AP 1:500) with HeLa cells lysate 1880 ug.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 28713-1-AP (TAF9B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).