

For Research Use Only

# TAF7 Polyclonal antibody

Catalog Number: 13506-1-AP

1 Publications



## Basic Information

### Catalog Number:

13506-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4406

### GenBank Accession Number:

BC032737

### GeneID (NCBI):

6879

### UNIPROT ID:

Q15545

### Full Name:

TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa

### Calculated MW:

349 aa, 40 kDa

### Observed MW:

55 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 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

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

### Positive Controls:

WB: Jurkat cells, HeLa cells, MCF-7 cells

IP: Jurkat cells,

IHC: human cervical cancer tissue,

## Background Information

TAF7, also named as Transcription initiation factor TFIID 55 kDa subunit, is a 349 amino acid protein, which belongs to the TAF7 family. TAF7 functions as a component of the DNA-binding general transcription factor complex TFIID, a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. TAF7 is phosphorylated by CIITA. The calculated molecular weight of TAF7 is 40 kDa, but phosphorylated TAF7 is about 55kDa. (PMID: 22711989)

## Notable Publications

Author	Pubmed ID	Journal	Application
Daoyuan Huang	39457533	Biomedicines	WB

## 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

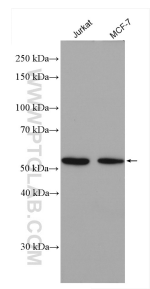
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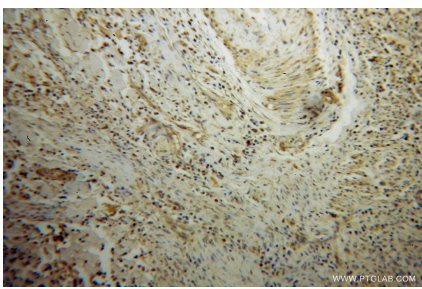
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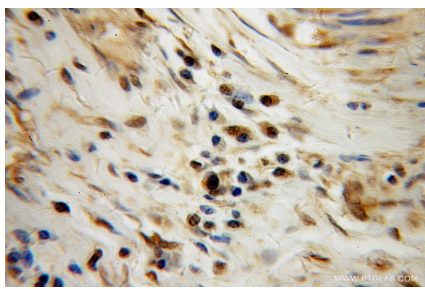
Selected Validation Data



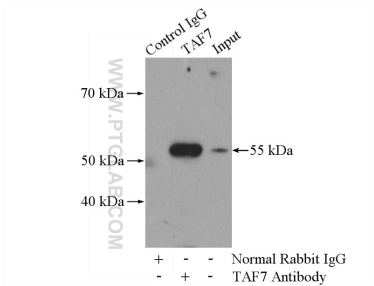
Various lysates were subjected to SDS PAGE followed by western blot with 13506-1-AP (TAF7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 13506-1-AP (TAF7 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 13506-1-AP (TAF7 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-TAF7 (IP:13506-1-AP, 4ug; Detection:13506-1-AP 1:500) with Jurkat cells lysate 1200ug.