

For Research Use Only

TAF7 Polyclonal antibody

Catalog Number: 13506-1-AP



Basic Information

Catalog Number:

13506-1-AP

Size:

700 µg/ml

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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

human, mouse, rat

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)

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

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

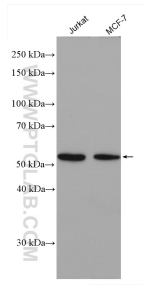
T: 4006900926

E: Proteintech-CN@ptglab.com

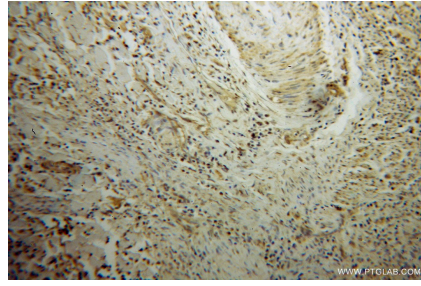
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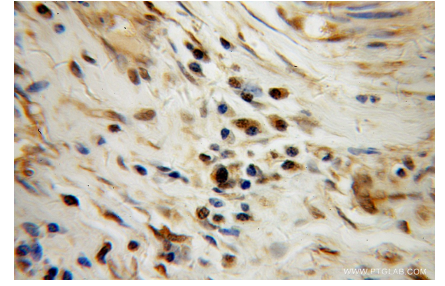
Selected Validation Data



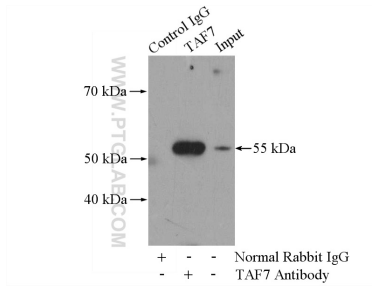
Various lysates were subjected to SDS PAGE followed by western blot with 13506-1-AP (TAF7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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.