

# GTF3C4 Polyclonal antibody

Catalog Number: 17653-1-AP

1 Publications

## Basic Information

## Catalog Number:

17653-1-AP

## Size:

400 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG11898

## GenBank Accession Number:

BC094774

## GeneID (NCBI):

9329

## UNIPROT ID:

Q9UKN8

## Full Name:

general transcription factor IIIC,  
polypeptide 4, 90kDa

## Calculated MW:

822 aa, 92 kDa

## Observed MW:

92 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:2400

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

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

## Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

## Cited Applications:

WB

## Species Specificity:

human, mouse, rat

## Cited Species:

human

**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 : HeLa cells,

IP : HeLa cells,

IHC : human breast cancer tissue,

IF/ICC : HeLa cells,

## Background Information

GTF3C4, also named as TFIIIC90, is essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA, tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin. It has histone acetyltransferase activity (HAT) with unique specificity for free and nucleosomal H3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ding Wang	24037710	Mol Cell Proteomics	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

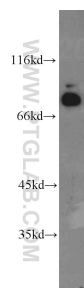
For technical support and original validation data for this product please contact:

T: 4006900926

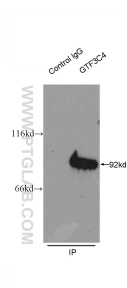
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

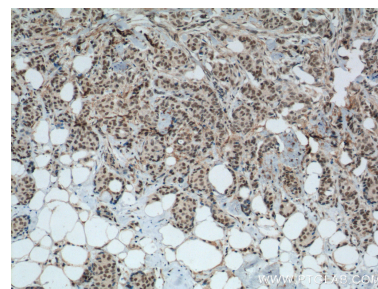
## Selected Validation Data



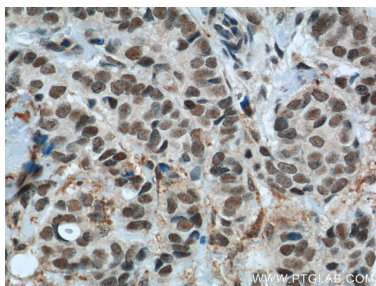
HeLa cells were subjected to SDS PAGE followed by western blot with 17653-1-AP (GTF3C4 antibody) at dilution of 1:1600 incubated at room temperature for 1.5 hours.



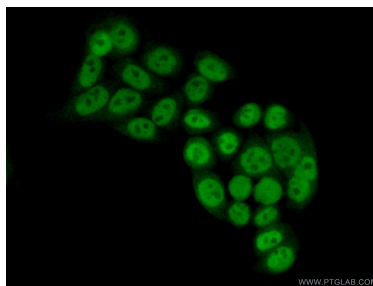
IP result of anti-GTF3C4 (IP:17653-1-AP, 3ug; Detection:17653-1-AP 1:800) with HeLa cells lysate 875ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17653-1-AP (GTF3C4 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 17653-1-AP (GTF3C4 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 17653-1-AP (GTF3C4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).