

For Research Use Only

GTF3C4 Polyclonal antibody

Catalog Number: 17653-1-AP **1 Publications**



Basic Information

Catalog Number: 17653-1-AP	GenBank Accession Number: BC094774	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9329	Recommended Dilutions: WB 1:500-1:2400 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: general transcription factor III C, polypeptide 4, 90kDa	IHC 1:50-1:500 IF 1:20-1:200
Isotype: IgG	Calculated MW: 822 aa, 92 kDa	
Immunogen Catalog Number: AG11898	Observed MW: 92 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells,
Species Specificity: human, mouse, rat	IP : HeLa cells,
Cited Species: human	IHC : human breast cancer tissue, IF : HeLa cells,

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

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

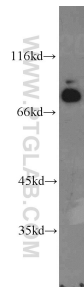
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

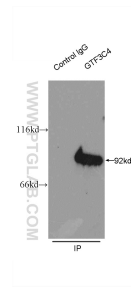
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

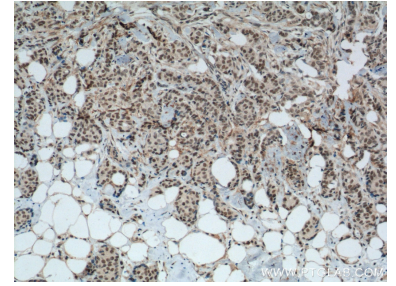
Selected Validation Data



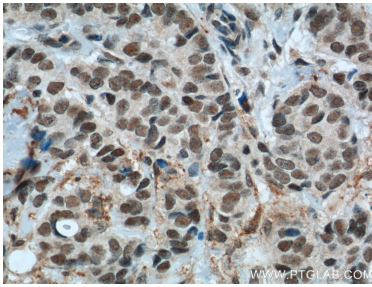
HeLa cells were subjected to SDS PAGE followed by western blot with 17653-1-AP (GTF3C4 antibody) at dilution of 1:1600 incubated at room temperature for 1.5 hours.



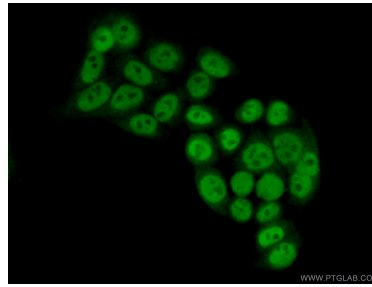
IP Result of anti-GTF3C4 (IP:17653-1-AP, 3ug; Detection:17653-1-AP 1:800) with HeLa cells lysate 875ug.



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).