

For Research Use Only

GTF3C4 Polyclonal antibody

Catalog Number: 17653-1-AP

1 Publications



Basic Information

Catalog Number:

17653-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, 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

*** 20ul sizes contain 0.1% BSA

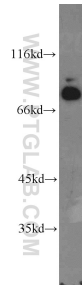
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

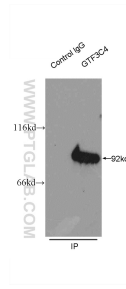
E: proteintech@ptglab.com
W: ptglab.com

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

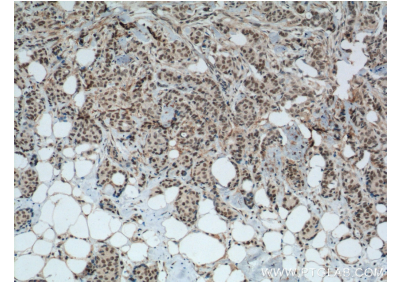
Selected Validation Data



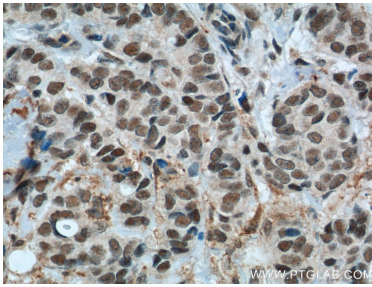
HeLa cells were subjected to SDS PAGE followed by western blot with 17653-1-AP (GTF3C4 antibody) at dilution of 1:1600 incubated at room temperature for 1.5 hours.



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).