

For Research Use Only

GTF3C2 Polyclonal antibody

Catalog Number: 27494-1-AP

1 Publications



Basic Information

Catalog Number:

27494-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26666

GenBank Accession Number:

BC020981

GeneID (NCBI):

2976

UNIPROT ID:

Q8WUA4

Full Name:

general transcription factor IIIC, polypeptide 2, beta 110kDa

Calculated MW:

101 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

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 : HEK-293T cells, A549 cells, HeLa cells, HepG2 cells, MCF-7 cells, PC-3 cells

IHC : human thyroid cancer tissue, human cervical cancer tissue

IF/ICC : HeLa cells,

Background Information

GTF3C2, also named as KIAA0011, is a 911 amino acid protein, which localizes in the nucleus. GTF3C2 is required for RNA polymerase III-mediated transcription. GTF3C2 is a component of TFIIC that initiates transcription complex assembly on tRNA and is required for transcription of 5S rRNA and other stable nuclear and cytoplasmic RNAs. GTF3C2 may play a direct role in stabilizing interactions of TFIIC2 with TFIIC1.

Notable Publications

Author	Pubmed ID	Journal	Application
Aiko Iwata-Otsubo	38520561	Hum Genet	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

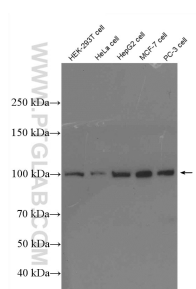
For technical support and original validation data for this product please contact:

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

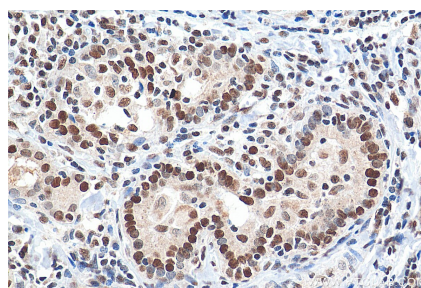
E: proteintech@ptglab.com
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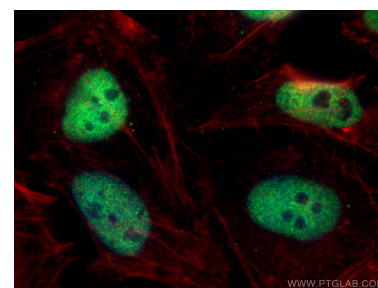
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27494-1-AP (GTF3C2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 27494-1-AP (GTF3C2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GTF3C2 antibody (27494-1-AP) at dilution of 1:800 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).