

For Research Use Only

GTF3C2 Polyclonal antibody

Catalog Number: 27494-1-AP

1 Publications



Basic Information

Catalog Number: 27494-1-AP	GenBank Accession Number: BC020981	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2976	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500 IF/ICC 1:400-1:1600
Source: Rabbit	UNIPROT ID: Q8WUA4	
Isotype: IgG	Full Name: general transcription factor IIIC, polypeptide 2, beta 110kDa	
Immunogen Catalog Number: AG26666	Calculated MW: 101 kDa	
	Observed MW: 100-110 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HEK-293T cells, A549 cells, HeLa cells, HepG2 cells, MCF-7 cells, PC-3 cells
Cited Applications: WB	IHC : human thyroid cancer tissue, human cervical cancer tissue
Species Specificity: human	IF/ICC : HeLa cells,
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

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

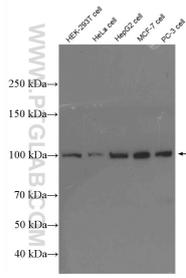
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

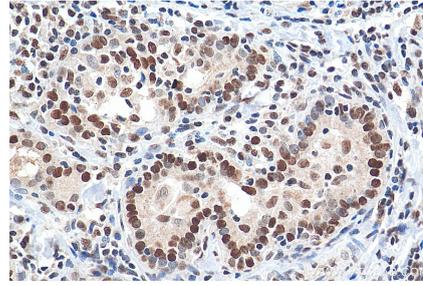
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

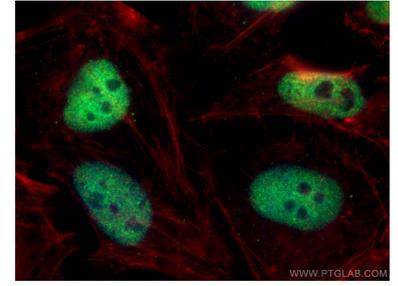
Selected Validation Data



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).