For Research Use Only

GTF3C2 Polyclonal antibody

Catalog Number:27494-1-AP

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Basic Information

Catalog Number:
27494-1-AP

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG26666

GenBank Accession Number:
BC020981

GeneID (NCBI):
2976

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

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
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

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 TFIIIC 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 TFIIIC2 with TFIIIC1.

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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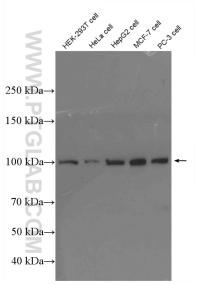
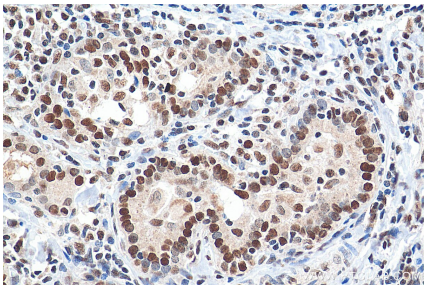
Selected Validation Data



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).