

Datasheet for ABIN6141518  
**anti-GTF3C4 antibody (AA 583-822)**



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3 Images

## Overview

Quantity:	100 µL
Target:	GTF3C4
Binding Specificity:	AA 583-822
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTF3C4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 583-822 of human GTF3C4 (NP_036336.2).
Sequence:	ILYQSMQKTP SEALWKPTHE DSKILLVDSP GMGNADDEQQ EEGTSSKQVV KQGLQERSKE GDVEEPTDDS LPTTGDAGGR EPMEEKLLEI QGKIEAVEMH LTREHMKRVL GEVYLHTWIT ENTSIPTRGL CNFLMSDEEY DDRTARVLIG HISKKMNKQT FPEHCSLCKE ILPFTDRKQA VCSNGHIWLR CFLTYQSCQS LIYRRCLLHD SIARHPAPED PDWIKRLLQS PCPFCDSPVF
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	GTF3C4
Alternative Name:	GTF3C4 ( <a href="#">GTF3C4 Products</a> )
Background:	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. Has histone acetyltransferase activity (HAT with unique specificity for free and nucleosomal H3. May cooperate with GTF3C5 in facilitating the recruitment of TFIIB and RNA polymerase through direct interactions with BRF1, POLR3C and POLR3F. May be localized close to the A box.,GTF3C4,KAT12,TF3C-delta,TFIII90,TFIIIC290,TFIIIC90,TFIIICDELTA,Epigenetics & Nuclear Signaling,Chromatin Modifying Enzymes,Acetylation,Transcription Factors,GTF3C4
Molecular Weight:	91 kDa
Gene ID:	9329
UniProt:	<a href="#">Q9UKN8</a>

## Application Details

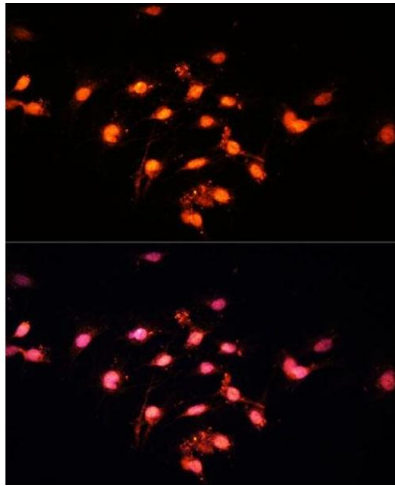
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

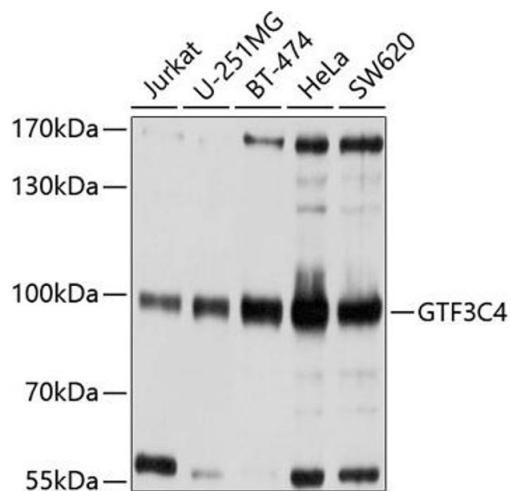
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



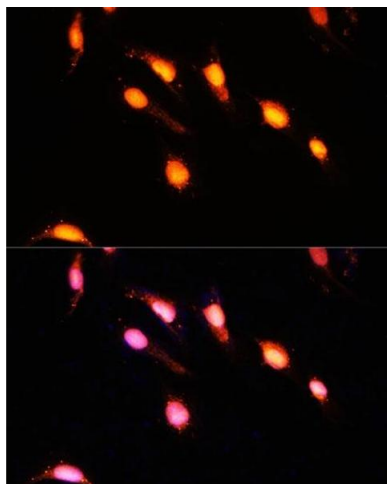
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of C6 cells using GTF3C4 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using GTF3C4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of U-2 OS cells using GTF3C4 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.