

Datasheet for ABIN390868
anti-GTF2I antibody (C-Term)

5 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	GTF2I
Binding Specificity:	AA 956-985, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTF2I antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This GTF2I antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 956-985 amino acids from the C-terminal region of human GTF2I.
Clone:	RB20983
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GTF2I
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Target Details

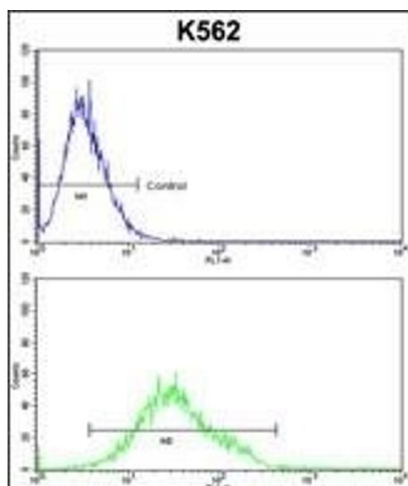
Alternative Name:	GTF2I (GTF2I Products)
Background:	GTF2I is a multifunctional phosphoprotein with roles in transcription and signal transduction. It is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23.
Molecular Weight:	112416
Gene ID:	2969
NCBI Accession:	NP_001157108 , NP_001267729 , NP_001509 , NP_127492 , NP_127493 , NP_127494
UniProt:	P78347

Application Details

Application Notes:	IF: 1:25. IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

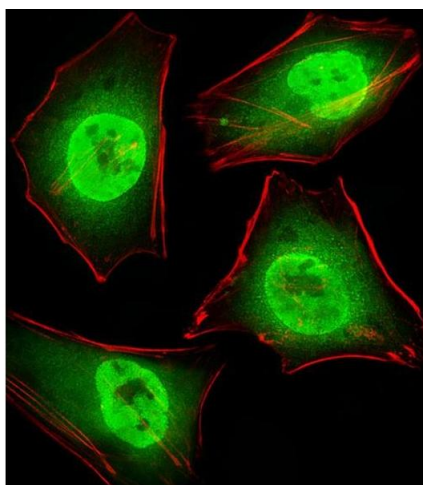
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



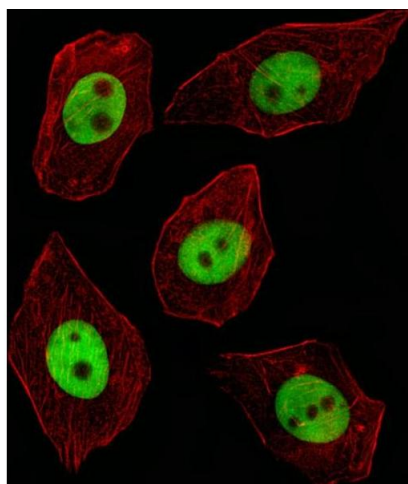
Flow Cytometry

Image 1. GTF2I Antibody (C-term) (ABIN390868 and ABIN2841085) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Fluorescent image of Hela cells stained with GTF2I Antibody (C-term) (ABIN390868 and ABIN2841085). (ABIN390868 and ABIN2841085) was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Immunofluorescence

Image 3. Fluorescent image of A549 cell stained with GTF2I Antibody (C-term) (ABIN390868 and ABIN2841085)/SA091106AV. A549 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with GTF2I primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). GTF2I immunoreactivity is localized to Nucleus significantly.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN390868.