

Rabbit GTF2I Polyclonal Antibody | anti-GTF2I antibody

GTF2I Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28707	Rabbit	Human (Predicted Reactivity: Rat)	Immunofluorescence, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

GTF2I; Polyclonal Antibody; GTF2I Antibody (C-term); General transcription factor II-I; GTFII-I; TFII-I; Bruton tyrosine kinase-associated protein 135; BAP-135; BTK-associated protein 135; SRF-Phox1-interacting protein; SPIN; Williams-Beuren syndrome chromosomal region 6 protein; BAP135; WBSCR6; anti-GTF2I antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	956-985
Sequence Length	976
Applicable Applications for anti-GTF2I antibody	IF (Immunofluorescence), ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot)
Application Notes	IF~~1:10~50 WB~~1:1000
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM (Flow Cytometry)

GTF2I Antibody (C-term) 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.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with GTF2I Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IF (Immunofluorescence)

Fluorescent image of A549 cell stained with GTF2I Antibody (C-term). 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 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree).GTF2I immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)

Western blot analysis of lysate from Hela cell line, using GTF2I Antibody (C-term). AAA28707 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



WB (Western Blot)

Western blot analysis of lysates from A431, Hela cell line (from left to right), using GTF2I Antibody (C-term). AAA28707 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IF (Immunofluorescence)

Fluorescent image of Hela cells stained with GTF2I Antibody (C-term). AAA28707 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).

ADDITIONAL INFORMATION

Related Product Information for anti-GTF2I antibody	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.
Product Categories/Family for anti-GTF2I antibody	Crown Antibodies
References	Roy,A.L.,et.al., EMBO J. 16 (23), 7091-7104 (1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	254692934
NCBI GeneID	2969
NCBI Accession #	NP_001157108.1; NP_001267729.1; NP_001509.3; NP_127492.1; NP_127493.1; NP_127494.1
NCBI GenBank Nucleotide #	NM_001163636.2
UniProt Accession #	P78347; O14743; O15359; O43546; O43588; O43589; Q75M85; Q75M86; Q75M87; Q75M88; Q86U51; Q9BSZ4
Molecular Weight	112416
NCBI Official Full Name	general transcription factor II-I isoform 5
NCBI Official Synonym Full Names	general transcription factor Iii
NCBI Official Symbol	GTF2I

NCBI Official Synonym Symbols	WBS; DIWS; SPIN; IB291; BAP135; BTKAP1; TFII-I; WBSCR6; GTFII-I
NCBI Protein Information	general transcription factor II-I
UniProt Protein Name	General transcription factor II-I
UniProt Gene Name	GTF2I
UniProt Synonym Gene Names	BAP135; WBSCR6; GTFII-I; TFII-I; BAP-135; BTK-associated protein 135; SPIN
UniProt Entry Name	GTF2I_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/gtf2i-antibody-immunofluorescence-immunohistochemistry-flow-cytometry-western-blot-elisa/28707>