

Rabbit anti-Human GTF3C2 Polyclonal Antibody | anti-GTF3C2 antibody

GTF3C2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324066	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

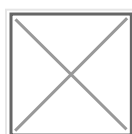
PRODUCT SYNONYMS

GTF3C2; Polyclonal Antibody; GTF3C2 Antibody; General transcription factor 3C polypeptide 2; General transcription factor IIIC polypeptide 2 beta 110kDa; Gtf3c2; KIAA0011; TF3C beta; TF3C-beta; TF3C2_HUMAN; TFIIC 110 kDa subunit; TFIIC BETA; TFIIC110; Transcription factor IIIC 110 kDa subunit; Transcription factor IIIC subunit beta; anti-GTF3C2 antibody

PRODUCT SPECIFICATIONS

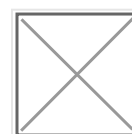
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GTF3C2 antibody detects endogenous levels of total GTF3C2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	911
Applicable Applications for anti-GTF3C2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (82%), Bovine (92%), Horse (100%), Sheep (92%), Rabbit (92%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



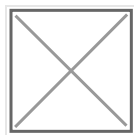
WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using TF3C2 antibody.



IF (Immunofluorescence)

AAA324066 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

**WB (Western Blot)**

Western blot analysis of extracts from 293, using GTF3C2 Antibody.

**WB (Western Blot)**

Western blot analysis of extracts from HepG2, using GTF3C2 Antibody. Lane 1 was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GTF3C2 antibody

Function: Required for RNA polymerase III-mediated transcription. 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. May play a direct role in stabilizing interactions of TFIIC2 with TFIIC1.

Subunit Structure: Part of the TFIIC subcomplex TFIIC2, consisting of six subunits, GTF3C1, GTF3C2, GTF3C3, GTF3C4, GTF3C5 and GTF3C6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	78482617
NCBI GeneID	2976
NCBI Accession #	NP_001030598.1
NCBI GenBank Nucleotide #	NM_001035521.2
UniProt Accession #	Q8WUA4; Q16632; Q9BWI7; D6W557
Molecular Weight	Observed: 100 kD Predicted: 101 kDa
NCBI Official Full Name	general transcription factor 3C polypeptide 2 isoform b
NCBI Official Synonym Full Names	general transcription factor IIC subunit 2
NCBI Official Symbol	GTF3C2
NCBI Official Synonym Symbols	TFIIC110; TFIIC-BETA
NCBI Protein Information	general transcription factor 3C polypeptide 2
UniProt Protein Name	General transcription factor 3C polypeptide 2
UniProt Gene Name	GTF3C2
UniProt Synonym Gene Names	KIAA0011; TFIIC 110 kDa subunit; TFIIC110

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gtf3c2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324066>