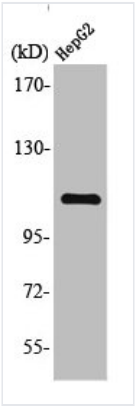
GTF3C2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GTF3C2, Polyclonal Antibody
Full Product Name	GTF3C2 Antibody
Product Gene Name	anti-GTF3C2 antibody
Product Synonym Names	GTF3C2; KIAA0011; General Transcription factor 3C polypeptide 2; TF3C-beta; Transcription factor IIIC 110 kDa subunit; TFIIIC 110 kDa subunit; TFIIIC110; Transcription factor IIIC subunit beta
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	100,680 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (27548721..27579868, complement). Location: 2p23.3
OMIM	604883
3D Structure	ModBase 3D Structure for Q8WUA4
Immunogen	Synthesized peptide derived from the N-terminal region of human TFIIIC110.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-GTF3C2 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GTF3C2 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-GTF3C2 antibody	WB: 1:500-1:2000 IHC: 1:100-1:300 ELISA: 1:20000
Related Product Information for anti-GTF3C2 antibody	MBS7117145 is an antibody targeting GTF3C2. Also known as GTF3C2 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-GTF3C2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-GTF3C2 antibody
Western Blot analysis of HuvEc cells using TFIIIC110 Polyclonal Antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GTF3C2. It may not necessarily be applicable to this product.

NCBI GI #	78482617
NCBI GeneID	2976
NCBI Accession #	NP_001030598.1
UniProt Primary Accession #	Q8WUA4
UniProt Secondary Accession #	Q16632; Q9BWI7; D6W557
UniProt Related Accession #	Q8WUA4
GenBank Nucleotide #	NM_001035521.2
NCBI Official Full Name	general transcription factor 3C polypeptide 2
NCBI Official Synonym Full Names	general transcription factor IIIC, polypeptide 2, beta 110kDa
NCBI Official Symbol	GTF3C2
NCBI Official Synonym Symbols	TFIIIC110; TFIIIC-BETA
UniProt Protein Name	General transcription factor 3C polypeptide 2
UniProt Synonym Protein Names	TF3C-beta; Transcription factor IIIC 110 kDa subunit; TFIIIC 110 kDa subunit; TFIIIC110; Transcription factor IIIC subunit beta
Protein Family	General transcription factor 3C polypeptide
UniProt Gene Name	GTF3C2
UniProt Synonym Gene Names	KIAA0011; TFIIIC 110 kDa subunit; TFIIIC110
UniProt Entry Name	TF3C2_HUMAN
NCBI Protein Information	general transcription factor 3C polypeptide 2; TF3C-beta; TFIIIC 110 kDa subunit; transcription factor IIIC subunit beta; transcription factor IIIC 110 kDa subunit

UniProt Comments for GTF3C2	GTF3C2: Required for RNA polymerase III-mediated transcription. 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. May play a direct role in stabilizing interactions of TFIIIC2 with TFIIIC1. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription initiation complex Chromosomal Location of Human Ortholog: 2p23.3 Cellular Component: nucleoplasm; transcription factor TFIIIC complex Molecular Function: DNA binding Biological Process: transcription from RNA polymerase III promoter; transcription, DNA-dependent; 5S class rRNA transcription; gene expression; tRNA transcription from RNA polymerase III promoter
Research Articles on GTF3C2	**1.** Evidence against the model that pol III transcription can be effectively modulated through the specific induction of TFIIIC110.
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