GTF2IRD2B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GTF2IRD2B, Polyclonal Antibody
Full Product Name	GTF2IRD2B, CT (GTF2IRD2B, General transcription factor II-I repeat domain-containing protein 2B, Transcription factor GTF2IRD2-beta) (MaxLight 650)
Product Gene Name	anti-GTF2IRD2B antibody
Product Synonym Names	GTF2IRD2B; General transcription factor II-I repeat domain-containing protein 2B; Transcription factor GTF2IRD2-beta
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	24,920 Da
OMIM	608900
3D Structure	ModBase 3D Structure for Q6EKJ0
Immunogen	GTF2IRD2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 467-494 amino acids from the C-terminal region of human GTF2IRD2B.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-GTF2IRD2B antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-GTF2IRD2B antibody	Western Blot (WB), FLISA
Application Notes for anti-GTF2IRD2B antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-GTF2IRD2B antibody	This gene encodes a glycosylated phosphoprotein with a leucine zipper motif, two helix-loop-helix motifs (I repeats) that are similar to domains found in the TFII-I family of transcription factors, one CHARLIE8 transposable element-like sequence, and a BED zinc finger. This gene lies within a region that is deleted in Williams-Beuren syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.
Product References and Citations for anti-GTF2IRD2B antibody	Hinsley, T.A., et al. Protein Sci. 13(10):2588-2599(2004). Tipney, H.J., et al. Eur. J. Hum. Genet. 12(7):551-560(2004).

Other Notes	Small volumes of anti-GTF2IRD2B 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.
Searchable Terms for GTF2IRD2B purchase	MBS6304929 is an antibody targeting GTF2IRD2B. Also known as GTF2IRD2B, CT (GTF2IRD2B, General transcription factor II-I repeat domain-containing protein 2B, Transcription factor GTF2IRD2-beta) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GTF2IRD2B. It may not necessarily be applicable to this product.

NCBI GI #	51241788
NCBI GeneID	389524
NCBI Accession #	NP_001003795.1
UniProt Primary Accession #	Q6EKJ0
UniProt Secondary Accession #	Q69GU6; Q8N979; Q9H739; B2RNE9
UniProt Related Accession #	Q6EKJ0
GenBank Nucleotide #	NM_001003795.2
NCBI Official Full Name	general transcription factor II-I repeat domain-containing protein 2B
NCBI Official Synonym Full Names	GTF2I repeat domain containing 2B
NCBI Official Symbol	GTF2IRD2B
UniProt Protein Name	General transcription factor II-I repeat domain-containing protein 2B
UniProt Synonym Protein Names	Transcription factor GTF2IRD2-beta
Protein Family	General transcription factor II-I repeat domain-containing protein
UniProt Gene Name	GTF2IRD2B
UniProt Synonym Gene Names	GTF2I repeat domain-containing protein 2B
UniProt Entry Name	GTD2B_HUMAN
NCBI Protein Information	general transcription factor II-I repeat domain-containing protein 2B
UniProt Comments for GTF2IRD2B	GTF2IRD2B: GTF2IRD2B is located in the Williams-Beuren syndrome (WBS) critical region. WBS results from a hemizygous deletion of several genes on chromosome 7q11.23, thought to arise as a consequence of unequal crossing over between highly homologous low-copy repeat sequences flanking the deleted region. Belongs to the TFII-I family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 7q11.23 Cellular Component: nucleus Molecular Function: DNA binding Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent
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