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GTF2IRD1 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2526a

Specification

GTF2IRD1 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q9UHL9
Other Accession	NP_057412.1, NP_005676.2, 9569, 57080 (mouse), 246770 (rat)
Predicted	**Human, Mouse, Rat, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**106057**

GTF2IRD1 Antibody (internal region) - Additional Information

Gene ID 9569

Other Names
General transcription factor II-I repeat domain-containing protein 1, GTF2I repeat domain-containing protein 1, General transcription factor III, MusTRD1/BEN, Muscle TFII-I repeat domain-containing protein 1, Slow-muscle-fiber enhancer-binding protein, USE B1-binding protein, Williams-Beuren syndrome chromosomal region 11 protein, Williams-Beuren syndrome chromosomal region 12 protein, GTF2IRD1

Dilution
E~~N/A

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
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.

Precautions
GTF2IRD1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

GTF2IRD1 Antibody (internal region) - Protein Information

Name GTF2IRD1

Synonyms CREAM1, GTF3, MUSTRD1, RBAP2, WBSCR11, W

Function
May be a transcription regulator involved in cell-cycle progression and skeletal muscle differentiation. May repress GTF2I transcriptional functions, by preventing its nuclear residency, or by inhibiting its transcriptional activation. May contribute to slow- twitch fiber type specificity during myogenesis and in regenerating muscles. Binds troponin I slow-muscle fiber enhancer (USE B1). Binds specifically and with high affinity to the EFG sequences derived from the early enhancer of HOXC8 (By similarity).

Cellular Location
Nucleus.

Tissue Location
Highly expressed in adult skeletal muscle, heart, fibroblast, bone and fetal tissues. Expressed at lower levels in all other tissues tested

GTF2IRD1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GTF2IRD1 Antibody (internal region) - Images

GTF2IRD1 Antibody (internal region) - Background

This antibody is expected to recognise both reported isoforms (NP_057412.1 and NP_005676.2).

GTF2IRD1 Antibody (internal region) - References

GTF2IRD1 in Craniofacial Development of Humans and Mice. Tassabehji M, Hammond P, Karmiloff-Smith A, Thompson P, Thorgeirsson SS, Durkin ME, Popescu NC, Hutton T, Metcalfe K, Rucka A, Stewart H, Read AP, Maconochie M. Science. 2005 Nov 18;310(5751):1184-7. Epub 2005 Nov 3. PMID: 16293761