

Anti-GTF2IRD1 antibody ab64805

1 Abreviews 1 References 1 图像

概述	
产品名称	Anti-GTF2IRD1抗体
描述	兔多克隆抗体to GTF2IRD1
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	A synthetic peptide derived from N terminus of human GTF2IRD1.
阳性对照	Extracts from 293 cells
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
纯度	Immunogen affinity purified
纯化说明	The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
克隆	多克隆
同种型	IgG



## The Abpromise guarantee

Abpromise™承诺保证使用ab64805于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 106 kDa (predicted molecular weight: 106 kDa).

## 靶标

## 功能

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.

## 组织特异性

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

## 疾病相关

Note=GTF2IRD1 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. Haploinsufficiency of GTF2IRD1 may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in the disease.

## 序列相似性

Belongs to the TFII-I family.  
Contains 5 GTF2I-like repeats.

## 发展阶段

Highly expressed in developing and regenerating muscles, at the time of myofiber diversification.

## 结构域

The N-terminal half may have an activating activity.

## 细胞定位

Nucleus.

## 图片



**All lanes :** Anti-GTF2IRD1 antibody (ab64805) at 1/500 dilution

**Lane 1 :** Extracts from 293 cells, no peptide

**Lane 2 :** Extracts from 293 cells, plus peptide

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 106 kDa

**Observed band size:** 106 kDa



**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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