# abcam

### Product datasheet

## 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

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.

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&As

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** IqG

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#### 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.

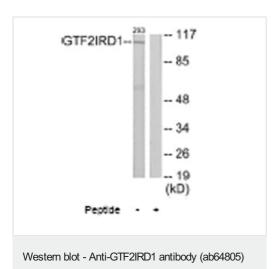
Contains 5 GTF2Hike repeats.

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- · We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <a href="https://www.abcam.cn/abpromise">https://www.abcam.cn/abpromise</a> or contact our technical team.

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