


# Anti-TFII I (phospho Y248) antibody ab63344

**1 References**   [1 图像](#)

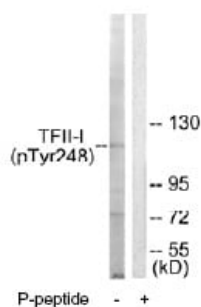
### 概述

产品名称	Anti-TFII I (phospho Y248)抗体
描述	兔多克隆抗体to TFII I (phospho Y248)
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	Synthetic peptide corresponding to Human TFII I aa 200-300 (phospho Y248). Database link: <a href="#">P78347</a>
阳性对照	Extracts from LOVO 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	Without Mg <sup>2+</sup> and Ca <sup>2+</sup> Immunogen affinity purified
纯化说明	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆

同种型	IgG	
应用		
The Abpromise guarantee <b>Abpromise™</b> 承诺保证使用ab63344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 112 kDa (predicted molecular weight: 112 kDa).
靶标		
功能	Interacts with the basal transcription machinery by coordinating the formation of a multiprotein complex at the C-FOS promoter, and linking specific signal responsive activator complexes. Promotes the formation of stable high-order complexes of SRF and PHOX1 and interacts cooperatively with PHOX1 to promote serum-inducible transcription of a reporter gene derived by the C-FOS serum response element (SRE). Acts as a coregulator for USF1 by binding independently two promoter elements, a pyrimidine-rich initiator (Inr) and an upstream E-box. Required for the formation of functional ARID3A DNA-binding complexes and for activation of immunoglobulin heavy-chain transcription upon B-lymphocyte activation.	
组织特异性	Ubiquitous. Isoform 1 is strongly expressed in fetal brain, weakly in adult brain, muscle, and lymphoblasts and is almost undetectable in other adult tissues, while the other isoforms are equally expressed in all adult tissues.	
疾病相关	Note=GTF2I 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 GTF2I may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in the disease.	
序列相似性	Belongs to the TFIIH family. Contains 6 GTF2Hlike repeats.	
翻译后修饰	Transiently phosphorylated on tyrosine residues by BTK in response to B-cell receptor stimulation. Phosphorylation on Tyr-248 and Tyr-398, and perhaps, on Tyr-503 contributes to BTK-mediated transcriptional activation. Sumoylated.	
细胞定位	Cytoplasm. Nucleus. Colocalizes with BTK in the cytoplasm.	
图片		



Western blot - Anti-TFII I (phospho Y248) antibody (ab63344)

**All lanes :** Anti-TFII I (phospho Y248) antibody (ab63344) at 1/500 dilution

**Lane 1 :** extracts from LOVO cells, without immunising peptide

**Lane 2 :** extracts from LOVO cells, with immunising peptide

**Predicted band size:** 112 kDa

**Observed band size:** 112 kDa

**Additional bands at:** 72 kDa. We are unsure as to the identity of these extra bands.

The amount of cell extracts loading for the WB is 5-30 ug of total protein. The amount of the peptide for the WB is 5-10 ug.

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

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