abcam

Product datasheet

# Anti-TCF3 / E2A antibody ab69999

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## 概述

| | |
|---|---|
| **产品名称** | Anti-TCF3 / E2A**抗体** |
| **描述** | **兔多克隆抗体**to TCF3 / E2A |
| **宿主** | Rabbit |
| **特异性** | Detects endogenous levels of total TCF3/E2A protein. |
| **经测试应用** | **适用于:** WB, IHC-P |
| **种属反应性** | **与反应:** Human<br>**预测可用于:** Rat |
| **免疫原** | Synthesized peptide derived from the C terminus of human TCF3/E2A |
| **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.<br>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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| **存储溶液** | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS |
| **纯度** | Immunogen affinity purified |
| **纯化说明** | Affinity purified from rabbit antiserum by affinity chromatography, using epitope specific immunogen. |
| **克隆** | **多克隆** |
| **同种型** | IgG |

## 应用

## 应用

**The Abpromise guarantee** **Abpromise™承诺保证使用ab69999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 68 kDa (predicted molecular weight: 68 kDa). |
| **IHC-P** | | 1/50 - 1/100. |

## 靶标

**功能** Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer.

**疾病相关** Note=Chromosomal aberrations involving TCF3 are cause of forms of pre-B-cell acute lymphoblastic leukemia (B-ALL). Translocation t(1;19)(q23;p13.3) with PBX1; Translocation t(17;19)(q22;p13.3) with HLF. Inversion inv(19)(p13;q13) with TFPT.

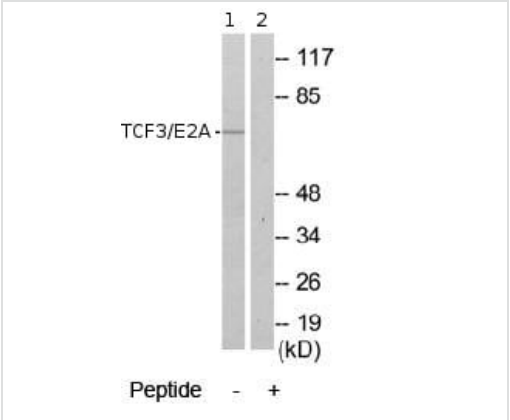
**序列相似性** Contains 1 basic helix-loop-helix (bHLH) domain.

**结构域** the 9aaTAD motif is a transactivation domain present in a large number of yeast and animal transcription factors.

**翻译后修饰** Phosphorylated following NGF stimulation.

**细胞定位** Nucleus.

## 图片




Western blot - Anti-TCF3 / E2A antibody (ab69999)

**All lanes :** Anti-TCF3 / E2A antibody (ab69999) at 1/500 dilution

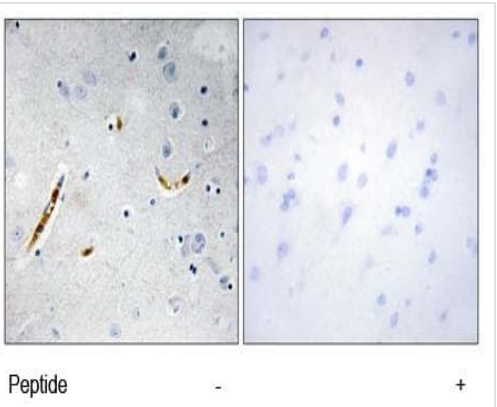
**Lane 1 :** Extracts from 293 cells, minus immunising peptide

**Lane 2 :** Extracts from 293 cells, plus immunising peptide 5µg

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 68 kDa

**Observed band size:** 68 kDa




Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TCF3 / E2A antibody (ab69999)

ab69999, at a 1/50 dilution, staining human TCF3/E2A in brain, using Immunohistochemistry, Formalin/PFA fixed Paraffin embedded tissue, minus immunising peptide (left image) and plus immunising peptide (right image).

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

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