

# Anti-CIITA antibody ab117598

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### 概述

产品名称	Anti-CIITA抗体
描述	兔多克隆抗体to CIITA
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide from N terminal region of Human CIITA conjugated to KLH
阳性对照	Human tonsil tissue
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 +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: 99% PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab117598 于以下的经测试应用

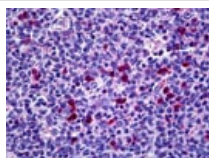
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## 靶标

<b>功能</b>	Essential for transcriptional activity of the HLA class II promoter; activation is via the proximal promoter. No DNA binding of in vitro translated CIITA was detected. May act in a coactivator-like fashion through protein-protein interactions by contacting factors binding to the proximal MHC class II promoter, to elements of the transcription machinery, or both. Alternatively it may activate HLA class II transcription by modifying proteins that bind to the MHC class II promoter. Also mediates enhanced MHC class I transcription; the promoter element requirements for CIITA-mediated transcription are distinct from those of constitutive MHC class I transcription, and CIITA can functionally replace TAF1 at these genes. Exhibits intrinsic GTP-stimulated acetyltransferase activity. Exhibits serine/threonine protein kinase activity; can phosphorylate the TFIIID component TAF7, the RAP74 subunit of the general transcription factor TFIIIF, histone H2B at 'Ser-37' and other histones (in vitro).
<b>疾病相关</b>	Bare lymphocyte syndrome 2
<b>序列相似性</b>	Contains 4 LRR (leucine-rich) repeats. Contains 1 NACHT domain.
<b>结构域</b>	The acetyltransferase domain is necessary for activation of both class I and class II transcription. The GTP-binding motif doesn't confer GTPase activity but promotes nuclear localization.
<b>翻译后修饰</b>	Autophosphorylated, affecting interaction with TAF7.
<b>细胞定位</b>	Nucleus. Nucleus, PML body. Recruited to PML body by PML.

## 图片



ab117598, at 5µg/ml, staining CIITA in Human tonsil tissue. The sample was FormalinFixed and Paraffin-Embedded (FFPE).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CIITA antibody (ab117598)

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

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