# abcam

### Product datasheet

## Anti-CIITA antibody ab117598

1 Abreviews 2 References 画像数 1

#### 製品の概要

製品名 Anti-CITA antibody

製品の詳細 Rabbit polyclonal to CITA

由来種 Rabbit

 アプリケーション
 適用あり: IHC-P

 種交差性
 交差種: Human

交差が予測される動物種: Mouse, Rat 🔷

免疫原 Synthetic peptide from N terminal region of Human CITA conjugated to KLH

ポジティブ・コントロール Human tonsil tissue

特記事項 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

製品の特性

製品の状態 Liquid

保存方法 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze /

thaw cycle.

**バッファー** pH: 7.4

Preservative: 0.02% Sodium azide

Constituent: 99% PBS

精製度 Immunogen affinity purified

**ポリ/モノ** ポリクローナル

アイソタイプ lqG

アプリケーション

#### The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab117598の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

#### ターゲット情報

#### 機能

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 TFIID component TAF7, the RAP74 subunit of the general transcription factor TFIIF, histone H2B at 'Ser-37' and other histones (in vitro).

**関連疾患** Bare lymphocyte syndrome 2

配列類似性 Contains 4 LRR (leucine-rich) repeats.

Contains 1 NACHT domain.

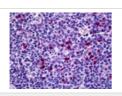
ドメイン The acetyltransferase domain is necessary for activation of both class I and class II transcription.

The GTP-binding motif doesn't confer GTPase activity but promotes nuclear localization.

翻訳後修飾 Autophosphorylated, affecting interaction with TAF7.

細胞内局在 Nucleus. Nucleus, PML body. Recruited to PML body by PML.

#### 画像



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

ab117598, at  $5\mu g/ml$ , staining CITA in Human tonsil tissue. The sample was FormalinFixed and Paraffin-Embedded (FFPE).

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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- · 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.co.jp/abpromise">https://www.abcam.co.jp/abpromise</a> or contact our technical team.

#### Terms and conditions

• Guarantee only valid for products bought direct from Abcam or one of our authorized distributors