

Product datasheet

Anti-CIITA antibody ab117598

1 Abreviews 画像数 1

製品の概要

製品名	Anti-CIITA antibody
製品の詳細	Rabbit polyclonal to CIITA
由来種	Rabbit
アプリケーション	適用あり: WB, 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 CIITA conjugated to KLH
ポジティブ・コントロール	Human tonsil tissue

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	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	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab117598** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

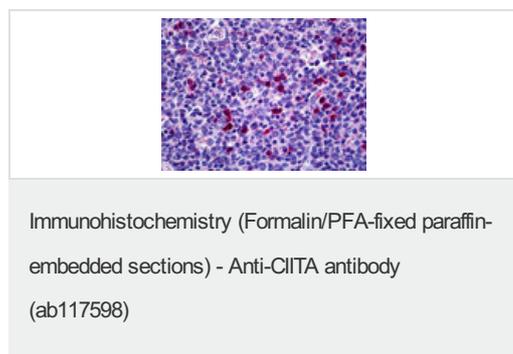
アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 123 kDa.

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 TFIIID component TAF7, the RAP74 subunit of the general transcription factor TFIIIF, 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



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

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