abcam

Product datasheet

Anti-CIITA antibody ab28349

1 References

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:** ELISA, IP, WB
种属反应性	**与反应:** Human
免疫原	Recombinant fragment, corresponding to amino acids 1-333 of Human CIITA
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. 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 or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.01% Sodium azide
纯度	Whole antiserum
纯化说明	This product was prepared from monospecific antiserum by delipidation and defibrination.
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee	**Abpromise™承诺保证使用**ab28349**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
ELISA		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

靶标

功能	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).
疾病相关	Bare lymphocyte syndrome 2
序列相似性	Contains 4 LRR (leucine-rich) repeats. Contains 1 NACHT domain.
结构域	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.
翻译后修饰	Autophosphorylated, affecting interaction with TAF7.
细胞定位	Nucleus. Nucleus, PML body. Recruited to PML body by PML.

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