


Anti-CAD antibody ab99313

★★★★★ [1 Abreviews](#) [3 图像](#)

概述

产品名称	Anti-CAD抗体
描述	兔多克隆抗体to CAD
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, IP
种属反应性	与反应: Mouse, Human 预测可用于: Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human CAD aa 1850-2000. Database link: NP_004332.2
阳性对照	WB: K-562, Jurkat, HeLa, 293T and NIH3T3 whole cell lysates. IP: Jurkat cell lysate. IHC-P: Human ovarian carcinoma.
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&As</p>

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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
纯化说明	ab99313 was affinity purified using an epitope specific to CAD immobilized on solid support.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab99313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。

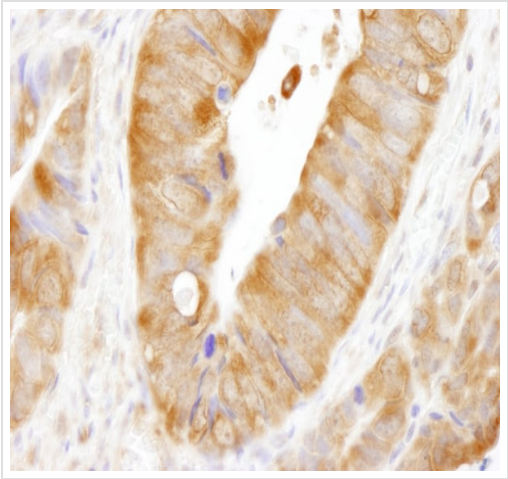
应用	Ab评论	说明
IHC-P		1/200.
WB		1/2000 - 1/10000. Predicted molecular weight: 243 kDa.
IP		Use at 2-5 µg/mg of lysate.

靶标

相关性 Carbamoyl phosphate synthetase-aspartate carbamoyltransferase-dihydroorotase (CAD) is a multifunctional protein that initiates and regulates mammalian de novo pyrimidine biosynthesis. This trifunctional protein which is associated with the enzymatic activities of the first 3 enzymes in the 6-step pathway of pyrimidine biosynthesis is the rate-limiting step in the de novo pyrimidine synthetic pathway. Although most of the CAD protein in the cell is cytosolic, phosphorylation at threonine 456 localizes the protein to the nucleus. While MAPK and EGF phosphorylate CAD at threonine 456, MAPK and c-myc have been found to induce over-expression of CAD.

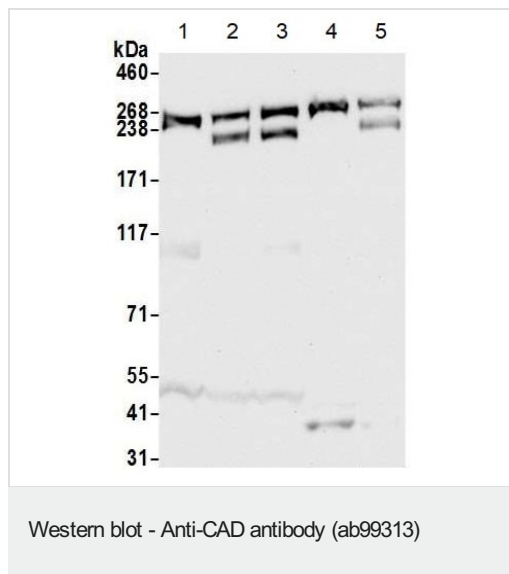
细胞定位 Cytoplasmic and Nuclear

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CAD antibody (ab99313)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon carcinoma tissue labelling CAD with ab99313 at 1/200 (1 µg/ml). Detection: DAB.



All lanes : Anti-CAD antibody (ab99313) at 0.04 µg/ml

Lane 1 : HEK-293T whole cell lysate

Lane 2 : K562 whole cell lysate

Lane 3 : Jurkat whole cell lysate

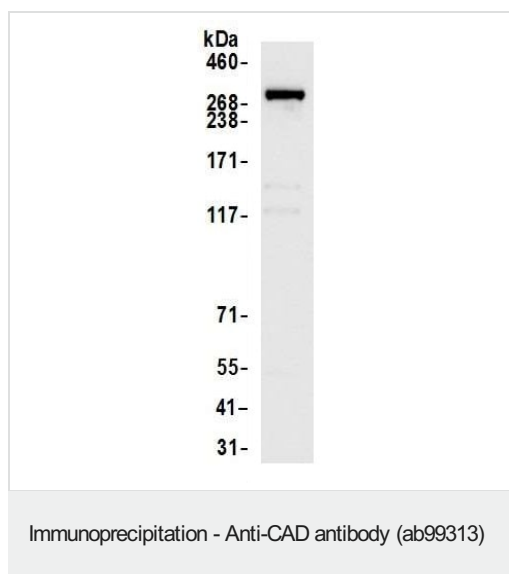
Lane 4 : TCMK-1 whole cell lysate

Lane 5 : NIH/3T3 whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 243 kDa

Exposure time: 10 seconds



CAD Antibody | Bethyl Laboratories, Inc.

Immunoprecipitation of CAD from whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. ab99313 was used for IP at 6 µg per reaction. For blotting immunoprecipitated CAD, ab99313 was used at 0.04 µg/ml.

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

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