

Anti-Carbonic Anhydrase 9/CA9 antibody ab184006

★★★★★ [1 Abreviews](#) [12 References](#) [3 图像](#)

概述

产品名称	Anti-Carbonic Anhydrase 9/CA9抗体
描述	兔多克隆抗体to Carbonic Anhydrase 9/CA9
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant fragment within Human Carbonic Anhydrase 9/CA9 aa 1-168. The exact sequence is proprietary. Database link: Q16790
阳性对照	HepG2 cell lysate, treated with 200μM CoCl ₂ for 24hr; Human cervical carcinoma tissue; CoCl ₂ -treated A431 cells.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

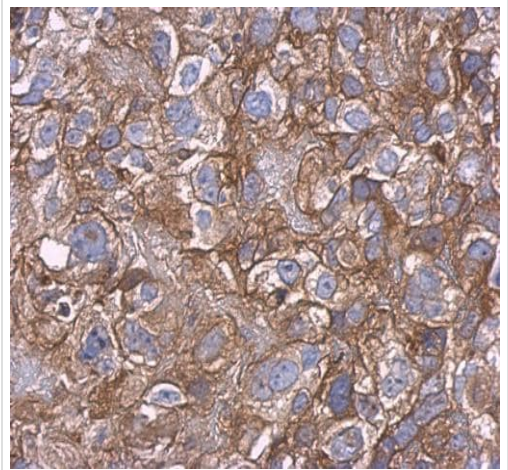
The Abpromise guarantee **Abpromise™**承诺保证使用ab184006于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/100 - 1/1000.
WB	★★★★★ (1)	1/500 - 1/3000. Predicted molecular weight: 50 kDa.
ICC/IF		1/100 - 1/1000.

靶标

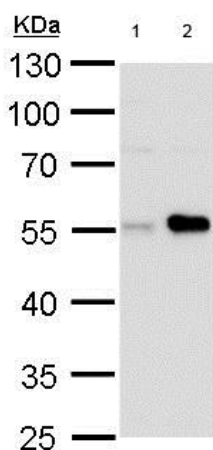
功能	Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia.
组织特异性	Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa.
序列相似性	Belongs to the alpha-carbonic anhydrase family. Contains 1 alpha-carbonic anhydrase domain.
翻译后修饰	Asn-346 bears high-mannose type glycan structures.
细胞定位	Nucleus. Nucleus, nucleolus. Cell membrane. Cell projection, microvillus membrane. Found on the surface microvilli and in the nucleus, particularly in nucleolus.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Carbonic Anhydrase 9/CA9 antibody (ab184006)

Immunohistochemical analysis of paraffin-embedded Human cervical carcinoma tissue labeling Carbonic Anhydrase 9/CA9 with ab184006 at 1/500 dilution.



Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody (ab184006)

All lanes : Anti-Carbonic Anhydrase 9/CA9 antibody (ab184006) at 1/1000 dilution

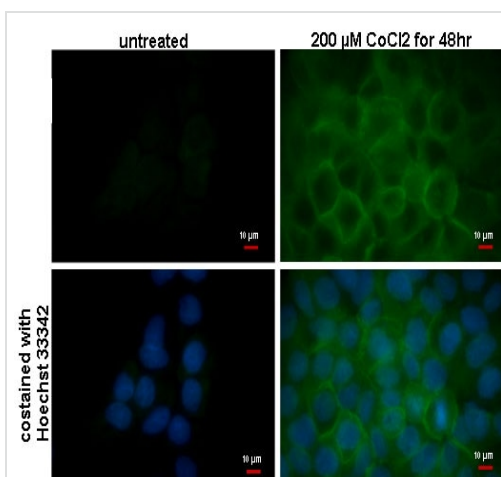
Lane 1 : HepG2 whole cell lysate, untreated

Lane 2 : HepG2 whole cell lysate, treated with 200 μ M CoCl₂ for 24 hr

Lysates/proteins at 30 μ g per lane.

Predicted band size: 50 kDa

10% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-Carbonic Anhydrase 9/CA9 antibody (ab184006)

Immunofluorescent analysis of A431 cells labeling Carbonic Anhydrase 9/CA9 with ab184006 at 1/500 dilution. A431 cells were fixed in ice-cold MeOH for 5 min. Cells were treated with 200 μ M CoCl₂ (right) or untreated (left)

Green: Carbonic Anhydrase 9/CA9 protein showing membrane staining.

Blue: Hoechst 33342.

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