


Anti-Apc1 (phospho S377) antibody ab12206

2 图像

概述

产品名称	Anti-Apc1 (phospho S377)抗体
描述	兔多克隆抗体to Apc1 (phospho S377)
宿主	Rabbit
特异性	ab12206 is specific for human APC1 phosphorylated at S377. Minimal reactivity is expected with the non-phosphorylated form of the protein.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow, Dog 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
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 or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
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ab12206于以下的经测试应用

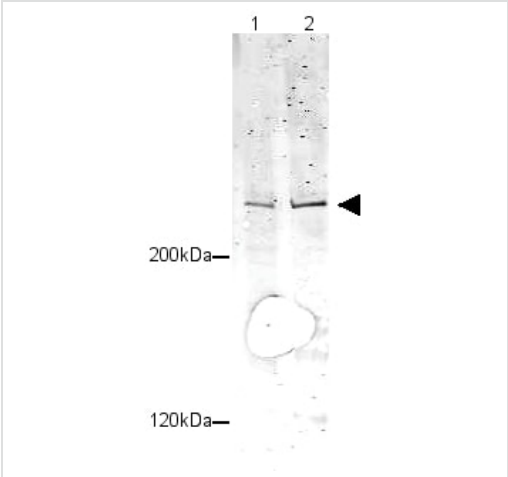
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/200 - 1/1000. Detects a band of approximately 215 kDa (predicted molecular weight: 215 kDa).
IHC-P		Use at an assay dependent concentration.

靶标

功能	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains.
通路	Protein modification; protein ubiquitination.
序列相似性	Belongs to the APC1 family. Contains 4 PC repeats.
翻译后修饰	Phosphorylated. Phosphorylation on Ser-355 occurs specifically during mitosis.

图片



Western blot - Anti-Apc1 (phospho S377) antibody (ab12206)

All lanes : Anti-Apc1 (phospho S377) antibody (ab12206) at 1/1000 dilution

Lane 1 : HeLa whole cell lysate from asynchronous cells

Lane 2 : HeLa whole cell lysate from cells treated with nocodazole

Lysates/proteins at 30 µg per lane.

Secondary

All lanes : Goat-anti-Rabbit IgG [H&L] MX at 1/10000 dilution

Performed under reducing conditions.

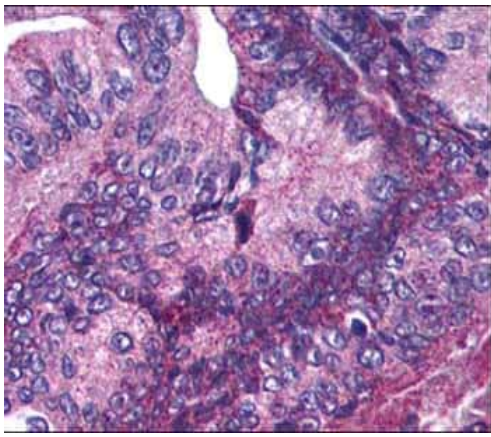
Predicted band size: 215 kDa

Observed band size: 215 kDa

The blot was probed with ab12206 overnight at 4°C

While some phosphorylated APC1 is present in untreated cells, the

amount of phosphorylated protein is increased arrested in mitosis (by treatment with with nocodazole).



ab12206 at 5.0 µg/ml staining pancreatic carcinoma cells at 60X. This image shows moderate positive cytoplasmic and occasional nuclear staining. The image shows localization of the antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apc1 (phospho S377) antibody (ab12206)

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

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