




Anti-Apc1 (phospho S355) antibody ab10923

1 References **1 图像**

概述

产品名称	Anti-Apc1 (phospho S355)抗体
描述	兔多克隆抗体to Apc1 (phospho S355)
宿主	Rabbit
特异性	Less than 1% reactivity is observed against the non-phosphorylated form of the immunizing peptide. This antibody is expected to be phospho-specific for S355 of APC1.
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow, Dog 
免疫原	Synthetic peptide corresponding to Human Apc1 aa 350-450 (phospho S355) conjugated to keyhole limpet haemocyanin.  Run BLAST with  Run BLAST with
常规说明	

This is one of a number of novel phosphorylation sites for APC1 identified in Kraft C et al. It may be involved in the regulation of the APC/C.

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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

纯化说明	This affinity purified antibody is directed against the phosphorylated form of human APC1 at the pS355 residue. The product was affinity purified from monospecific antiserum by immunoaffinity purification. Antiserum was first purified against the phosphorylated form of the immunizing peptide. The resultant affinity purified antibody was then cross-adsorbed against the non-phosphorylated form of the immunizing peptide.
Primary antibody说明	This is one of a number of novel phosphorylation sites for APC1 identified in Kraft C et al. It may be involved in the regulation of the APC/C.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab10923于以下的经测试应用

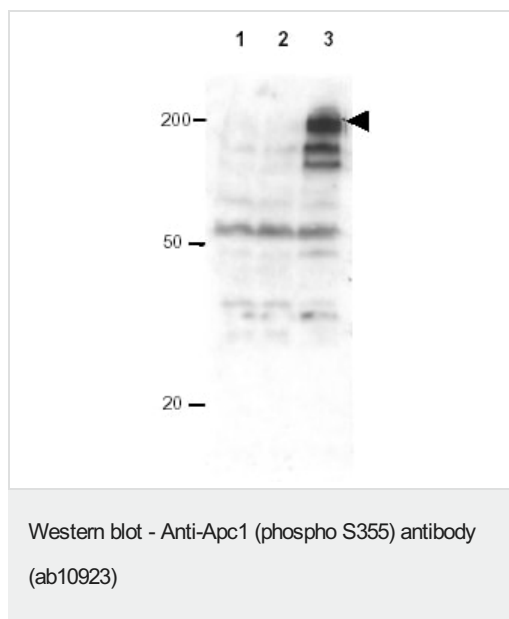
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/200 - 1/2000. Detects a band of approximately 215 kDa (predicted molecular weight: 215 kDa).

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



All lanes : Anti-Apc1 (phospho S355) antibody (ab10923) at 1/500 dilution

Lane 1 : HeLa S3 whole cell lysate (asynchronous cells)

Lane 2 : HeLa S3 whole cell lysate (cells synchronized at G1/S boundary by treatment with thymidine)

Lane 3 : HeLa S3 whole cell lysate (cells synchronized at M phase by treatment with nocodazole)

Lysates/proteins at 30 µg per lane.

Secondary

All lanes : Goat anti-Rabbit IgG [H&L] at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 215 kDa

Observed band size: 215 kDa

Phosphorylated APC1 is mostly present only in cell preparations arrested at cell division.

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

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