

## Product datasheet

# Anti-Apc5 antibody ab4170

★★★★☆ 2 Abreviews 1 References 1 图像

### 概述

产品名称	Anti-Apc5抗体
描述	兔多克隆抗体to Apc5
宿主	Rabbit
经测试应用	适用于: ICC/IF, ICC
种属反应性	与反应: Human
免疫原	Synthetic peptide derived from residues 250 - 350 of Human Apc5 conjugated to KLH. 参阅 Abcam的专有抗源政策
阳性对照	This antibody gave a positive signal in HeLa cells in IF

### 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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab4170** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ICC/IF	★★★★☆	Use at an assay dependent concentration.
ICC	★★★★☆	1/100.

## 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

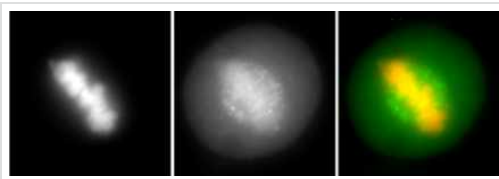
Protein modification; protein ubiquitination.

### 序列相似性

Belongs to the APC5 family.

Contains 4 TPR repeats.

## 图片



Anti-Apc5 antibody (ab4170)

This image is courtesy of Kirk McManus, University of British Columbia

Metaphase HeLa cells labelled with APC5 (ab4170) and counterstained with DAPI.

The antibody shows foci of APC5 localised to the centrosomes. 100x magnification.

Panel 1: DNA stained with DAPI

Panel 2: Cells stained with ab4170 (1/100 dilution)

Panel 3: DAPI staining is shown in red, ab4170 staining is shown in green

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Panel 2: Cells stained with ab4170 (1/100 dilution)

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