

Anti-COP1 antibody ab70890

1 图像

概述

产品名称	Anti-COP1抗体
描述	兔多克隆抗体to COP1
宿主	Rabbit
经测试应用	适用于: IP
种属反应性	与反应: Human 预测可用于: Rabbit, Pig, Chimpanzee, Rhesus monkey, Orangutan 
免疫原	A region between residues 100 and 150 of human COP1. (NP_071902.2)
阳性对照	HeLa whole cell lysate
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: 7 Preservative: 0.09% Sodium azide Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
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ab70890于以下的经测试应用

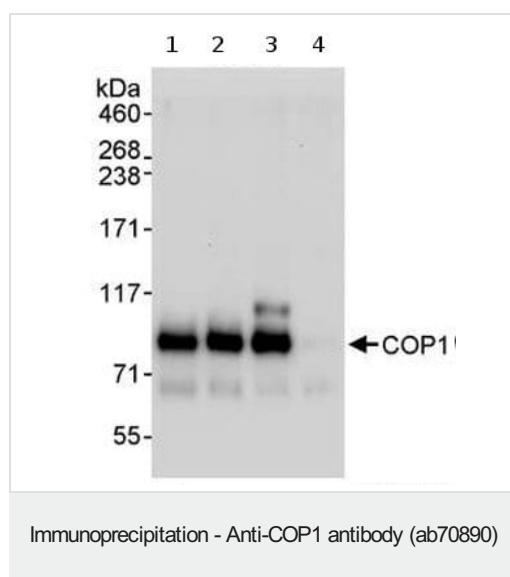
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use a concentration of 2 - 5 µg/ml.

靶标

功能	E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Involved in JUN ubiquitination and degradation. Directly involved in p53 (TP53) ubiquitination and degradation, thereby abolishing p53-dependent transcription and apoptosis. Ubiquitinates p53 independently of MDM2 or RCHY1. Probably mediates E3 ubiquitin ligase activity by functioning as the essential RING domain subunit of larger E3 complexes. In contrast, it does not constitute the catalytic RING subunit in the DCX DET1-COP1 complex that negatively regulates JUN, the ubiquitin ligase activity being mediated by RBX1.
组织特异性	Ubiquitously expressed at low level. Expressed at higher level in testis, placenta, skeletal muscle and heart.
通路	Protein modification; protein ubiquitination.
序列相似性	Belongs to the COP1 family. Contains 1 RING-type zinc finger. Contains 7 WD repeats.
结构域	The RING finger domain, in addition to its role in ubiquitination, functions as a structural scaffold to bring two clusters of positive-charged residues within spatial proximity to mimic a bipartite nuclear localization signal (NLS).
细胞定位	Nucleus speckle. Cytoplasm. In the nucleus, it forms nuclear speckles.

图片



HeLa whole cell lysate (1 mg for IP, 20% of IP loaded).

Antibodies:

Lane 1: **ab70889** at 3µg/ml for IP.

Lane 2: ab70890 at 3µg/ml for IP.

Lane 3: **ab70891** at 3µg/ml for IP.

Lane 4: IgG control

Subsequent Western Blotting was carried out using **ab70889** at 1µg/ml.

Detection: Chemiluminescence with an exposure time of 10 seconds.

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

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