


Anti-COP1 antibody ab70890

画像数 1

製品の概要

製品名	Anti-COP1 antibody
製品の詳細	Rabbit polyclonal to COP1
由来種	Rabbit
アプリケーション	適用あり: IP
種交差性	交差種: Human 交差が予測される動物種: Rabbit, Pig, Chimpanzee, Rhesus monkey, Orangutan 
免疫原	A region between residues 100 and 150 of human COP1. (NP_071902.2)
ポジティブ・コントロール	HeLa whole cell lysate
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituents: 1.815% Tris, 1.764% Sodium citrate, 0.021% PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab70890の使用に適用されます

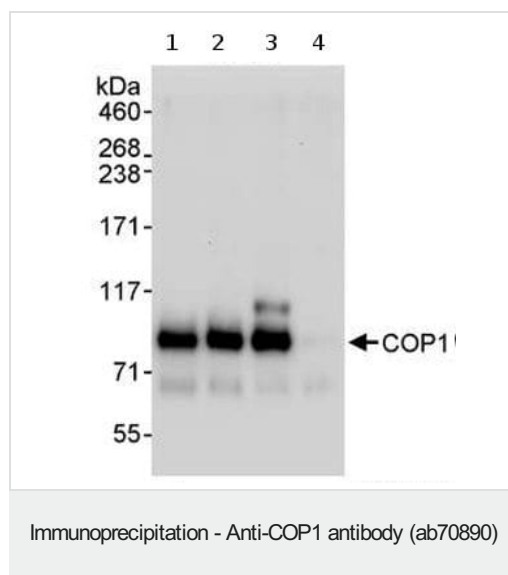
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IP		Use a concentration of 2 - 5 µg/ml.

ターゲット情報

機能	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.
組織特異性	Ubiquitously expressed at low level. Expressed at higher level in testis, placenta, skeletal muscle and heart.
パスウェイ	Protein modification; protein ubiquitination.
配列類似性	Belongs to the COP1 family. Contains 1 RING-type zinc finger. Contains 7 WD repeats.
ドメイン	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).
細胞内局在	Nucleus speckle. Cytoplasm. In the nucleus, it forms nuclear speckles.

画像



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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