


### Anti-PDCD4 antibody ab51495

★★★★☆ [6 Abreviews](#) [37 References](#) [3 图像](#)

#### 概述

产品名称	Anti-PDCD4抗体
描述	兔多克隆抗体to PDCD4
宿主	Rabbit
特异性	ab51495 reacts with PDCD4 protein that is either phosphorylated or non phosphorylated at Ser 457.
经测试应用	<b>适用于:</b> WB, IHC-P
种属反应性	<b>与反应:</b> Mouse, Human <b>预测可用于:</b> Rat, Xenopus laevis 
免疫原	A synthetic peptide corresponding to amino acids near the carboxyl terminus of human PDCD4 protein
阳性对照	WB: 293 HEK cells, Mouse N2A cell Lysate. IHC-P: Mouse colon tissue.
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&amp;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
纯化说明	ab51495 was affinity purified from monospecific antiserum by immunoaffinity chromatography.
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab51495于以下的经测试应用

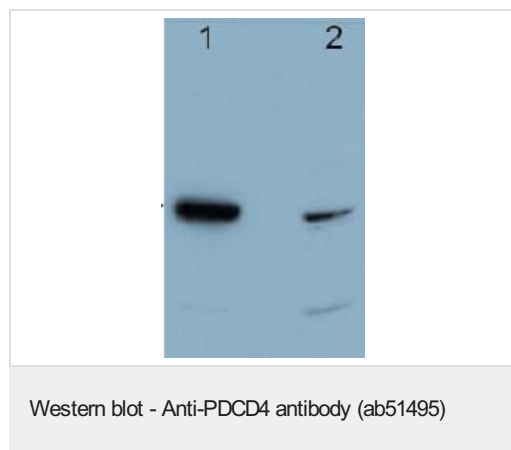
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (4)	1/1000 - 1/10000. Predicted molecular weight: 52 kDa.
IHC-P		1/100 - 1/300.

## 靶标

<b>功能</b>	Inhibits translation initiation and cap-dependent translation. May exert its function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1, thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation. Binds RNA.
<b>组织特异性</b>	Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. Reduced expression in lung cancer and colon carcinoma.
<b>序列相似性</b>	Belongs to the PDCD4 family. Contains 2 MI domains.
<b>结构域</b>	Binds EIF4A1 via both MI domains.
<b>翻译后修饰</b>	Polyubiquitinated, leading to its proteasomal degradation. Rapidly degraded in response to mitogens. Phosphorylation of the phosphodegron promotes interaction with BTRC and proteasomal degradation.
<b>细胞定位</b>	Nucleus. Cytoplasm. Shuttles between the nucleus and cytoplasm. Predominantly nuclear under normal growth conditions, and when phosphorylated at Ser-457. Exported from the nucleus in the absence of serum.

## 图片



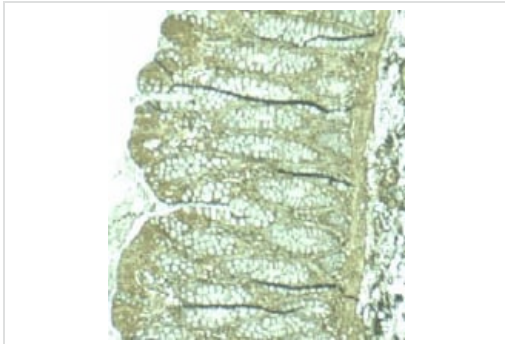
**All lanes** : Anti-PDCD4 antibody (ab51495) at 1/5000 dilution

**Lane 1** : recombinant PDCD4

**Lane 2** : 293 HEK cells treated with TPA and MG132.

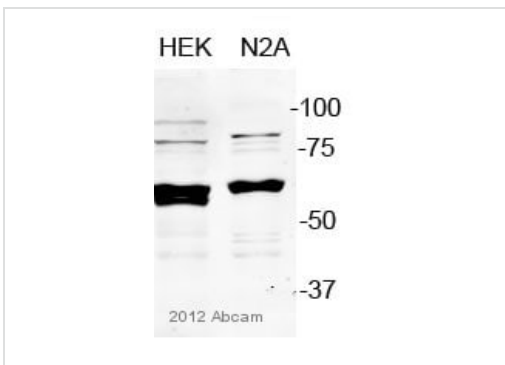
**Predicted band size:** 52 kDa

**Observed band size:** 52 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDCCD4 antibody (ab51495)

ab51495, at 1/100 dilution, staining human PDCCD4 in paraformaldehyde fixed (4%), paraffin embedded mouse colon tissue by Immunohistochemistry.



Western blot - Anti-PDCCD4 antibody (ab51495)  
This image is courtesy of an anonymous Abreview

**All lanes :** Anti-PDCCD4 antibody (ab51495) at 1/1000 dilution

**Lane 1 :** Human HEK cell Lysate at 30 ug/ml

**Lane 2 :** Mouse N2A cell Lysate at 30 ug/ml

**Secondary**

**All lanes :** Li-Cor IRDye®800CW-conjugated Goat anti rabbit

**Predicted band size:** 52 kDa

13% SDS-Page gel used, Blocking done for 1 hour at RT, Primary Incubation overnight at 4°C.

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

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