


### Anti-PC4 antibody ab84459

**4 References** [画像数 3](#)

#### 製品の概要

製品名	Anti-PC4 antibody
製品の詳細	Rabbit polyclonal to PC4
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Rhesus monkey, Gorilla, Orangutan, Platypus 
免疫原	Synthetic peptide corresponding to a region between residues 77 and 127 of Human PC4 (NP_006704.2)
ポジティブ・コントロール	Human: bladder carcinoma, breast carcinoma, colon carcinoma, linitis plastica stomach cancer, ovarian carcinoma, pancreatic islet cell tumor, prostate carcinoma, skin basal cell carcinoma, skin melanoma, skin squamous cell carcinoma, small cell lung cancer, stomach adenocarcinoma, testicular seminoma. Mouse: skin, seratoma
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&amp;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	<p>pH: 6.8</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.1% BSA, Tris buffered saline</p>
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ab84459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
IHC-P		

### 追加情報

IHC-P: 1/100 - 1/500. Antigen retrieval with citrate buffer may improve staining.  
Note: likely to work with frozen sections.

Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

### 機能

General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).

### 配列類似性

Belongs to the transcriptional coactivator PC4 family.

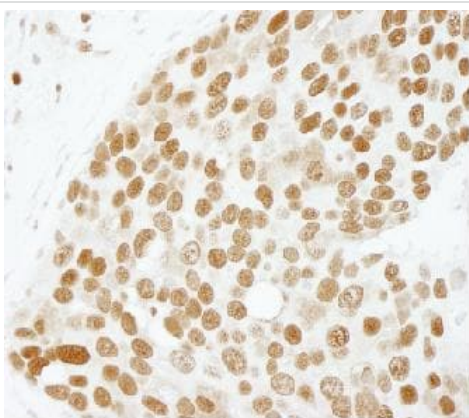
### 翻訳後修飾

Activity is controlled by protein kinases that target the regulatory region. Phosphorylation inactivates both ds DNA-binding and cofactor function, but does not affect binding to ssDNA. Seems to be phosphorylated in vivo by CK2 in at least 7 sites in the N-terminal Ser-rich region.

### 細胞内局在

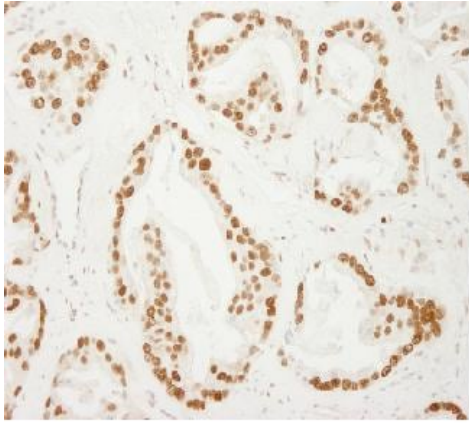
Nucleus.

## 画像



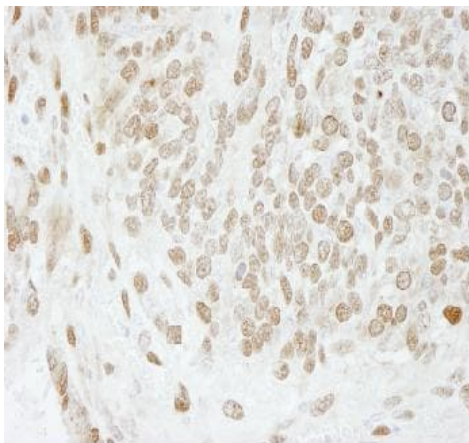
Immunohistochemistry analysis of formalin-fixed, paraffin-embedded Human breast carcinoma tissue using 1/250 ab84459, followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PC4 antibody (ab84459)



Immunohistochemistry analysis of formalin-fixed, paraffin-embedded Human prostate carcinoma tissue using 1/250 ab84459, followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PC4 antibody (ab84459)



Immunohistochemistry analysis of formalin-fixed, paraffin-embedded Mouse teratoma tissue using 1/250 ab84459, followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PC4 antibody (ab84459)

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

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