

# Anti-CRCP antibody [EPR9670(B)] ab139264

リコンビナント **RabMAb**

**2 References**    **画像数 13**

### 製品の概要

製品名	Anti-CRCP antibody [EPR9670(B)]
製品の詳細	Rabbit monoclonal [EPR9670(B)] to CRCP
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, ICC/IF, IP
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide within Human CRCP aa 1-100 (N terminal). The exact sequence is proprietary. Database link: <a href="#">O75575</a>
ポジティブ・コントロール	WB: HeLa and Jurkat whole cell lysate ( <a href="#">ab7899</a> ). Human prostate and ovary cancer tissue lysates. Mouse kidney and rat brain tissue lysates. IHC-P: Human ovarian carcinoma and breast tissues. ICC/IF: LnCap and HeLa cells. IP: Human prostate cancer tissue lysate.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C.
バッファー	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR9670(B)
アイソタイプ	IgG

## アプリケーション

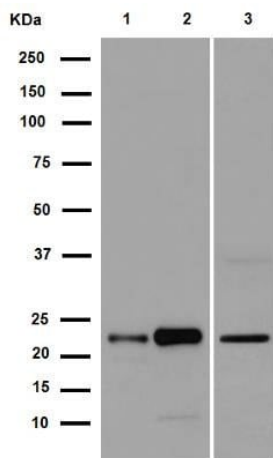
The Abpromise guarantee      Abpromise保証は、 次のテスト済みアプリケーションにおけるab139264の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 14 kDa.
IHC-P		1/200. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See <b><u>IHC antigen retrieval protocols.</u></b> <b>For unpurified use at 1/100.</b>
ICC/IF		1/250. <b>For unpurified use at 1/100.</b>
IP		1/50 - 1/100.

## ターゲット情報

機能	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts induce type I interferon and NF- Kappa-B through the RIG-I pathway. Accessory protein for the calcitonin gene-related peptide (CGRP) receptor. It modulates CGRP responsiveness in a variety of tissues.
組織特異性	Ubiquitous. Most prevalent in testis.
配列類似性	Belongs to the eukaryotic RPC9 RNA polymerase subunit family.
細胞内局在	Nucleus. Cell membrane.

## 画像



Western blot - Anti-CRCP antibody [EPR9670(B)]  
(ab139264)

**All lanes :** Anti-CRCP antibody [EPR9670(B)] (ab139264) at  
1/5000 dilution (unpurified)

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** Mouse kidney tissue lysate

**Lane 3 :** Rat brain tissue lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

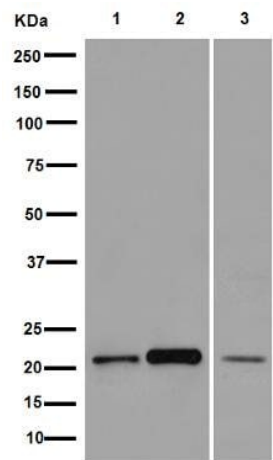
**All lanes :** Peroxidase-conjugated goat anti-rabbit IgG (H+L) at  
1/1000 dilution

**Predicted band size:** 14 kDa

**Observed band size:** 20 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM/TBST.



Western blot - Anti-CRCP antibody [EPR9670(B)]  
(ab139264)

**All lanes :** Anti-CRCP antibody [EPR9670(B)] (ab139264) at  
1/10000 dilution (purified)

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** Mouse kidney tissue lysate

**Lane 3 :** Rat brain tissue lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

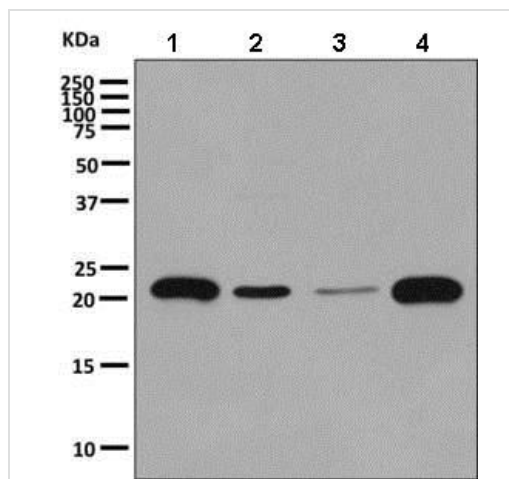
**All lanes :** Peroxidase-conjugated goat anti-rabbit IgG (H+L) at  
1/1000 dilution

**Predicted band size:** 14 kDa

**Observed band size:** 20 kDa

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM/TBST.



Western blot - Anti-CRCP antibody [EPR9670(B)] (ab139264)

**All lanes :** Anti-CRCP antibody [EPR9670(B)] (ab139264) at 1/1000 dilution (unpurified)

**Lane 1 :** Human ovary cancer lysate

**Lane 2 :** HeLa lysate

**Lane 3 :** Jurkat lysate

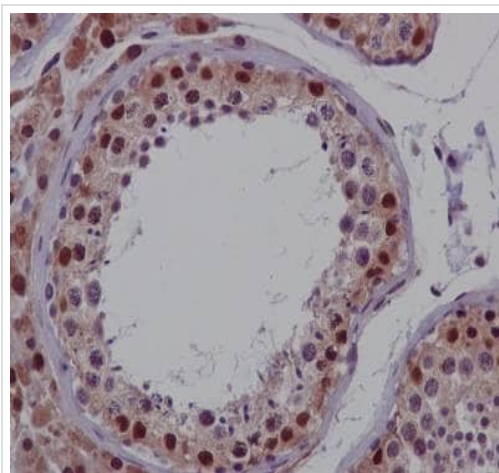
**Lane 4 :** Human prostate cancer lysate

Lysates/proteins at 10 µg per lane.

### Secondary

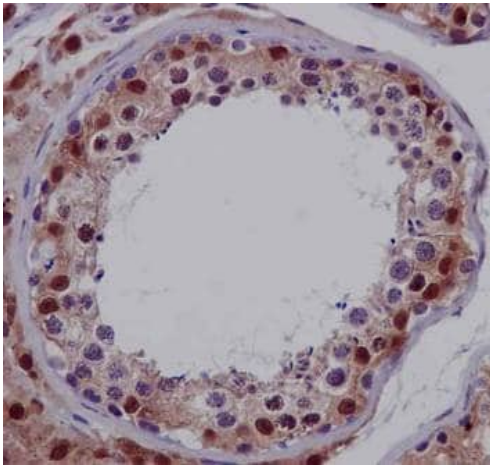
**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 14 kDa



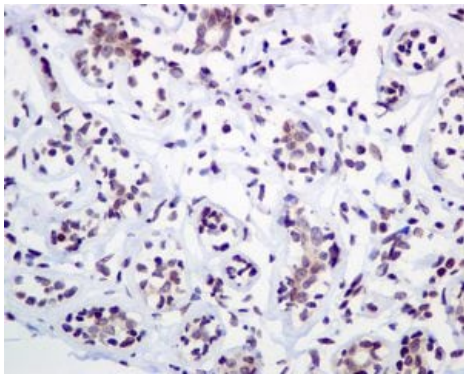
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CRCP antibody [EPR9670(B)] (ab139264)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast tissue labelling CRCP with unpurified ab139264 at 1/100. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Counterstained with Hematoxylin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CRCP antibody  
[EPR9670(B)] (ab139264)

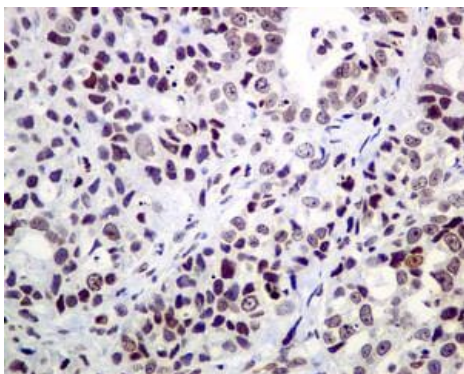
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast tissue labelling CRCP with purified ab139264 at 1/200. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary antibody. Counterstained with Hematoxylin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CRCP antibody  
[EPR9670(B)] (ab139264)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast tissue labelling CRCP with unpurified ab139264 at 1/50.

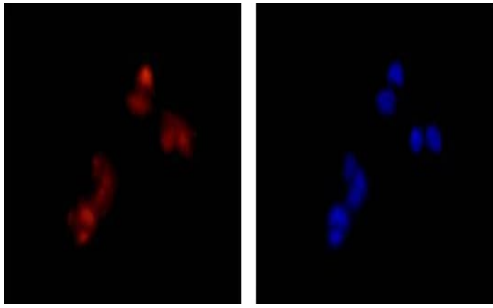
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CRCP antibody  
[EPR9670(B)] (ab139264)

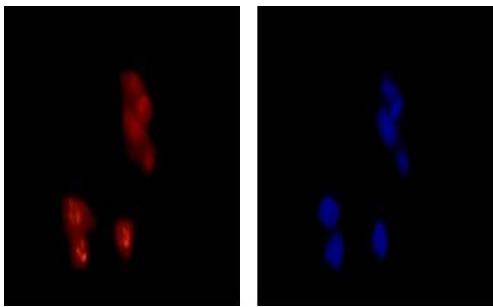
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling CRCP with unpurified ab139264 at 1/50.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



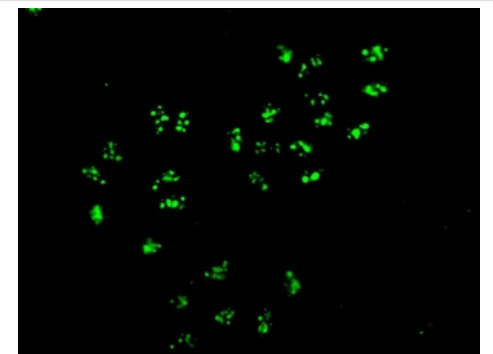
Immunocytochemistry/ Immunofluorescence - Anti-CRCP antibody [EPR9670(B)] (ab139264)

Immunocytochemistry/Immunofluorescence analysis of LnCap cells labelling CRCP (red) with unpurified ab139264 at 1/100. Cells were fixed with 4% paraformaldehyde. An Alexa Fluor® 555-conjugated goat anti-rabbit IgG (1/200) was used as the secondary antibody. Counterstained with DAPI (blue).



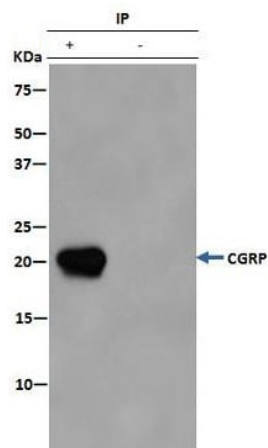
Immunocytochemistry/ Immunofluorescence - Anti-CRCP antibody [EPR9670(B)] (ab139264)

Immunocytochemistry/Immunofluorescence analysis of LnCap cells labelling CRCP (red) with purified ab139264 at 1/250. Cells were fixed with 4% paraformaldehyde. An Alexa Fluor® 555-conjugated goat anti-rabbit IgG (1/200) was used as the secondary antibody. Counterstained with DAPI (blue).



Immunocytochemistry/ Immunofluorescence - Anti-CRCP antibody [EPR9670(B)] (ab139264)

Immunocytochemistry/Immunofluorescence analysis of HeLa cells labelling CRCP with unpurified ab139264 at 1/100.

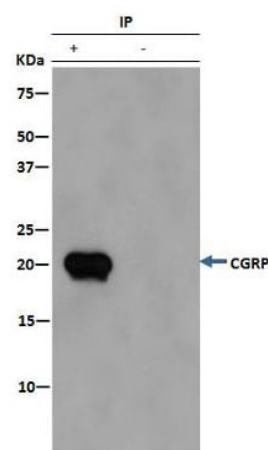


Immunoprecipitation - Anti-CRCP antibody  
[EPR9670(B)] (ab139264)

ab139264 (unpurified) at 1/50 immunoprecipitating CRCP in human prostate cancer tissue lysate (Lane 1). Lane 2 - PBS. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the secondary antibody (1/1500).

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.



Immunoprecipitation - Anti-CRCP antibody  
[EPR9670(B)] (ab139264)

ab139264 (purified) at 1/100 immunoprecipitating CRCP in human prostate cancer tissue lysate (Lane 1). Lane 2 - PBS. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the secondary antibody (1/1500).

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-CRCP antibody [EPR9670(B)] (ab139264)

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

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