

Anti-CRCP antibody [EPR9670(B)] ab139264

重组 RabMAb

2 References **13 图像**

概述

产品名称	Anti-CRCP抗体[EPR9670(B)]
描述	兔单克隆抗体[EPR9670(B)] to CRCP
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF, IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human CRCP aa 1-100 (N terminal). The exact sequence is proprietary. Database link: O75575
阳性对照	WB: HeLa and Jurkat whole cell lysate (ab7899). 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.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR9670(B)
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab139264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		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 <u>IHC antigen retrieval protocols</u> . For unpurified use at 1/100.
ICC/IF		1/250. For unpurified use at 1/100.
IP		1/50 - 1/100.

靶标

功能

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.

组织特异性

Ubiquitous. Most prevalent in testis.

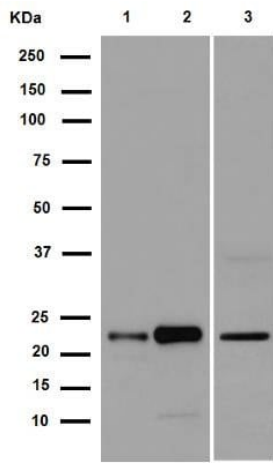
序列相似性

Belongs to the eukaryotic RPC9 RNA polymerase subunit family.

细胞定位

Nucleus. Cell membrane.

图片



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

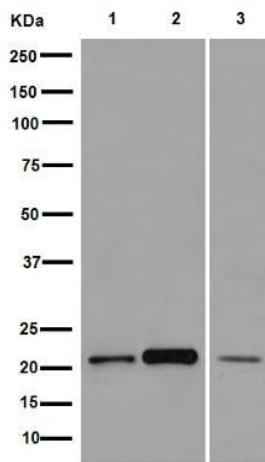
All lanes : Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

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

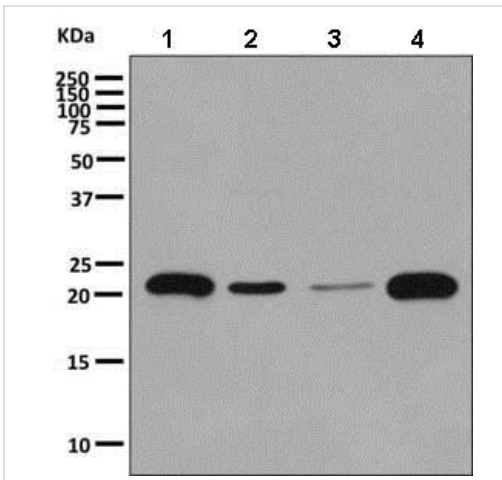
All lanes : Peroxidase-conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

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

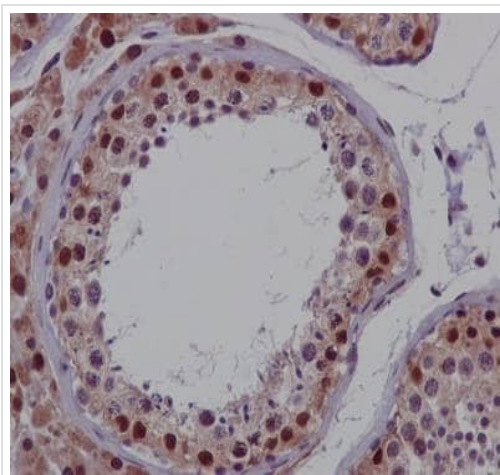
Lane 4 : Human prostate cancer lysate

Lysates/proteins at 10 µg per lane.

Secondary

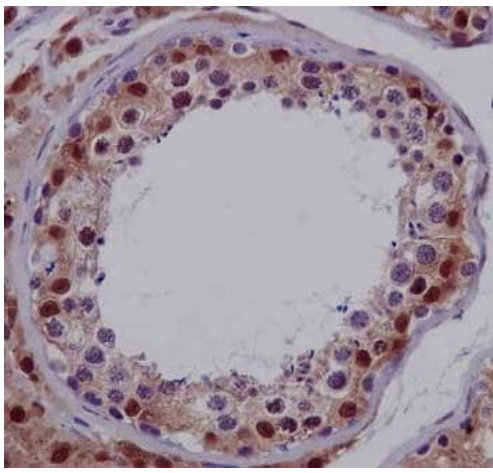
All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 14 kDa



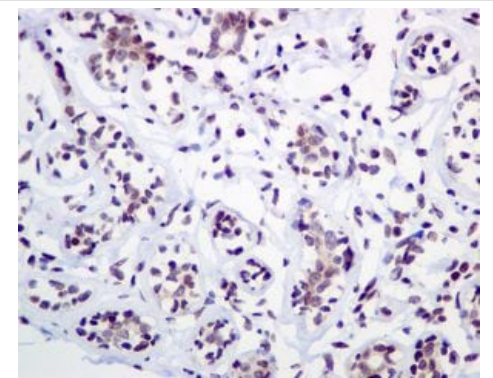
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CRCP antibody [EPR9670(B)] (ab139264)

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)

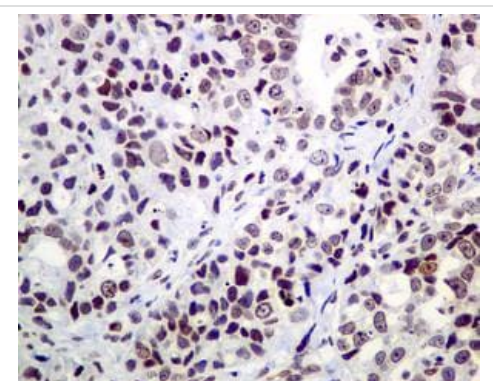
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast tissue labelling CRCP with purified ab139264 at 1/200. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. A prediluted HRP-polymer conjugated anti-rabbit IgG was used as the secondary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

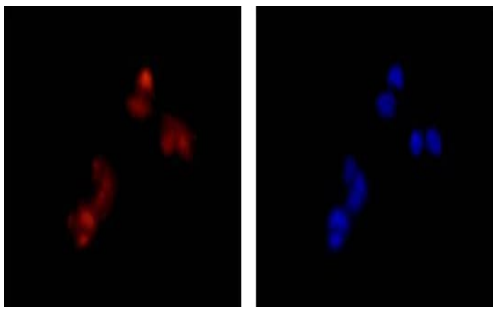
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



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

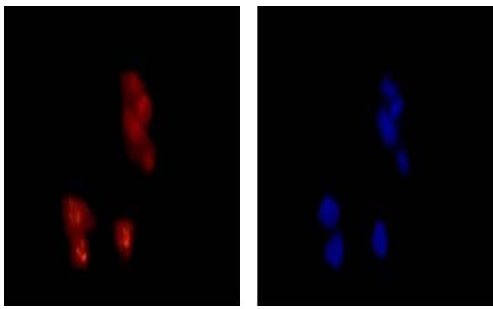
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue labelling CRCP with unpurified ab139264 at 1/50.

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



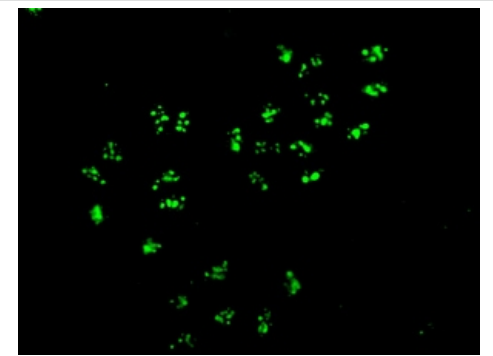
Immunocytochemistry/ Immunofluorescence - Anti-CRCP antibody [EPR9670(B)] (ab139264)

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).



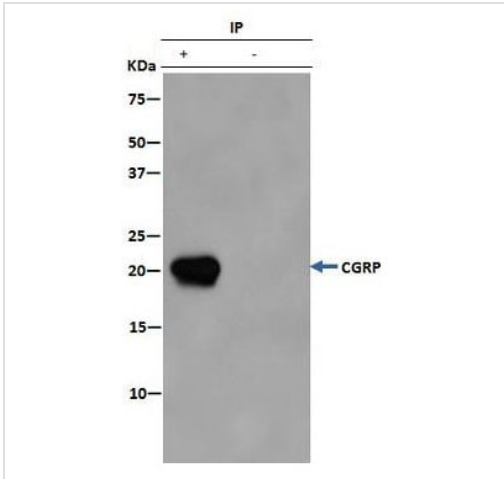
Immunocytochemistry/ Immunofluorescence - Anti-CRCP antibody [EPR9670(B)] (ab139264)

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.

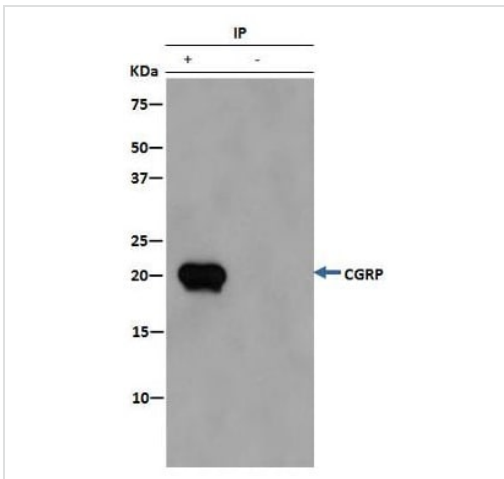


Immunoprecipitation - Anti-CRCP antibody
[EPR9670(B)] (ab139264)

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)

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