

Anti-PAP antibody [EPR4067] ab109004

リコンビナント RabMAb

★★★★☆ **1 Abreviews** **3 References** 画像数 10

製品の概要

製品名	Anti-PAP antibody [EPR4067]
製品の詳細	Rabbit monoclonal [EPR4067] to PAP
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF 適用なし: Flow Cyt or IP
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Human prostate lysates. IHC-P: human prostate and adenocarcinoma tissue. ICC/IF: PC-3 cells.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EPR4067
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ab109004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検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 45 kDa.
IHC-P	★★★★★ (1)	1/40000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Heat up to 98 °C, below boiling, and then let cool for 10-20 min. See IHC antigen retrieval protocols . For unpurified use at 1/250 - 1/500
ICC/IF		1/50 - 1/100.

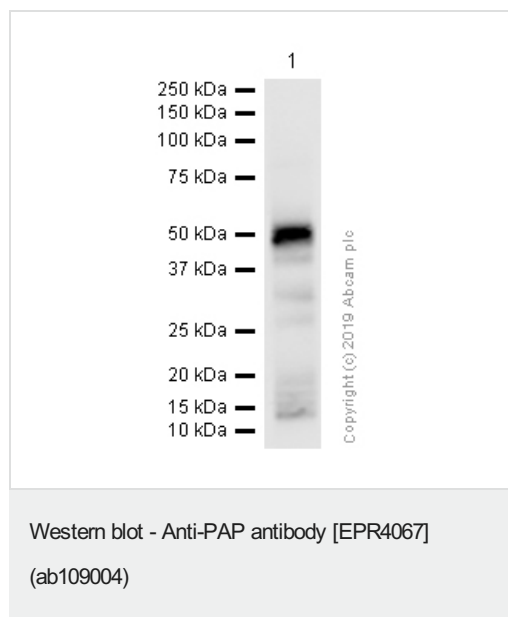
追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

配列類似性 Belongs to the histidine acid phosphatase family.

細胞内局在 Secreted and Lysosome membrane. Predominantly localized in the plasma membrane but also detected in intracellular vesicles.

画像



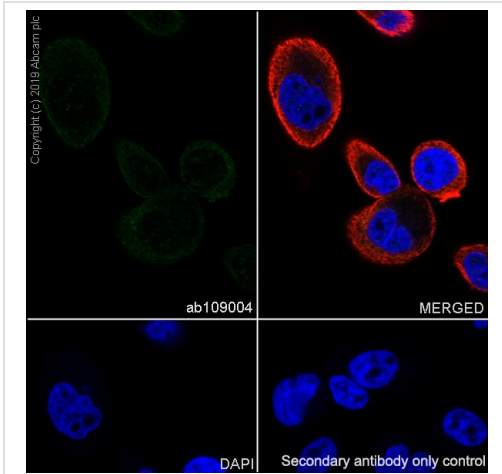
Anti-PAP antibody [EPR4067] (ab109004) at 1/1000 dilution
(Purified) + Human prostate lysates at 15 µg

Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with
human IgG at 1/2000 dilution

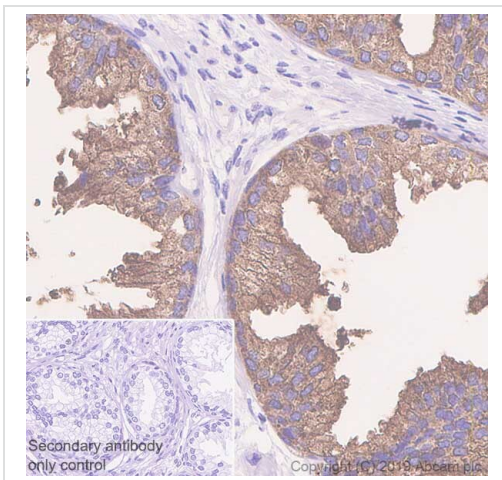
Predicted band size: 45 kDa

Observed band size: 50 kDa



Immunocytochemistry/ Immunofluorescence - Anti-PAP antibody [EPR4067] (ab109004)

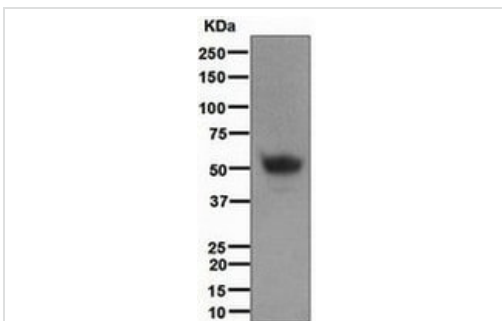
Immunocytochemistry/ Immunofluorescence analysis of PC-3 (Human prostate adenocarcinoma epithelial cell) cells labeling PAP with purified ab109004 at 1/50 dilution (1.92 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1/1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAP antibody [EPR4067] (ab109004)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate tissue sections labeling PAP with purified ab109004 at 1/40,000 dilution (0.0024 µg/ml). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody.

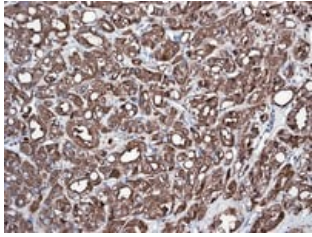
Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-PAP antibody [EPR4067] (ab109004)

Anti-PAP antibody [EPR4067] (ab109004) at 1/1000 dilution ((unpurified)) + Prostate cancer lysate at 10 µg

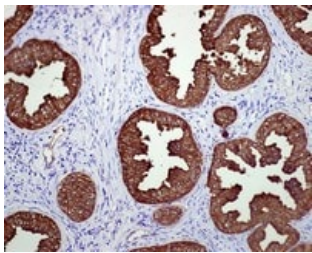
Predicted band size: 45 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAP antibody [EPR4067] (ab109004)

Unpurified ab109004 at 1/250 dilution, staining PAP in Human prostatic adenocarcinoma by Immunohistochemistry, Paraffin-embedded tissue.

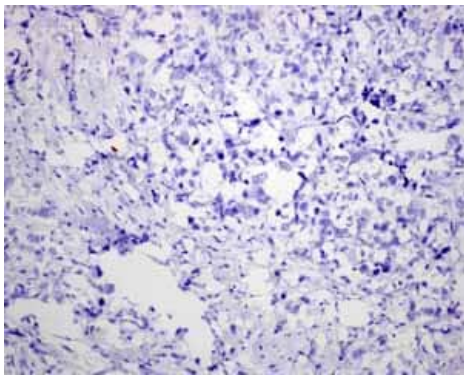
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAP antibody [EPR4067] (ab109004)

Unpurified ab109004 at 1/250 dilution, staining PAP in Human prostatic tissue by Immunohistochemistry, Paraffin-embedded tissue.

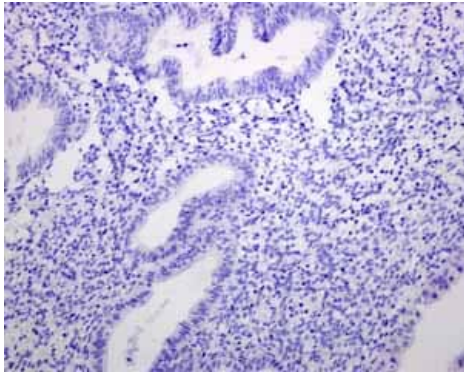
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAP antibody [EPR4067] (ab109004)

Unpurified ab109004 showing negative staining in Breast carcinoma tissue.

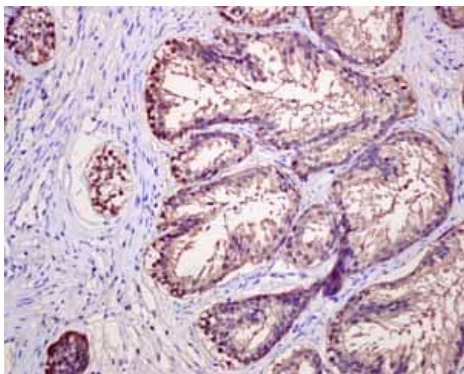
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAP antibody [EPR4067] (ab109004)

Unpurified ab109004 showing negative staining in Normal uterus tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

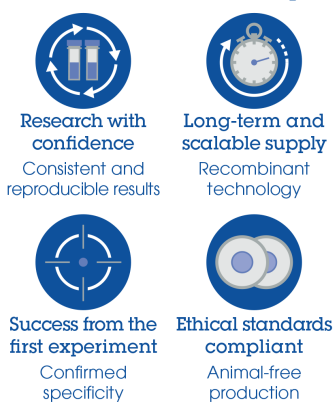


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PAP antibody [EPR4067] (ab109004)

Unpurified ab109004 showing positive staining in Prostate hyperplasia tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



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Confirmed specificity

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Anti-PAP antibody [EPR4067] (ab109004)

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