

# Anti-ANP32C/PP32R1 antibody [EPR13354-70R] ab189921

Recombinant RabMAb

4 Images

### Overview

<b>Product name</b>	Anti-ANP32C/PP32R1 antibody [EPR13354-70R]
<b>Description</b>	Rabbit monoclonal [EPR13354-70R] to ANP32C/PP32R1
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody is specific to the ANP32C/PP32R1 protein (UniProt: O43423). There is no observed cross reactivity to the Atrial Natriuretic Peptide (UniProt: P01160).
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	MCF-7, PC-3, BxPC-3, C6, Raw264.7 and NIH/3T3 cell lysates.
<b>General notes</b>	<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>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal

**Clone number** EPR13354-70R

**Isotype** IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab189921 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

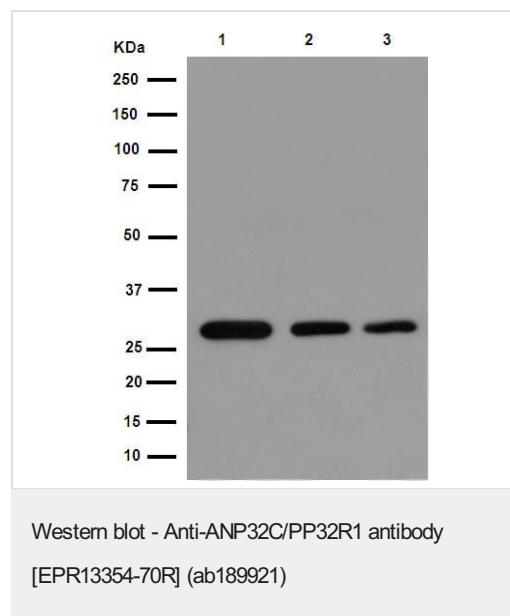
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 27 kDa (predicted molecular weight: 27 kDa).
IP		1/40 - 1/60.

## Target

**Tissue specificity** Expressed in activated stem cells, such as mobilized CD34+ cells and cord blood CD34+ cells, but not in resting bone marrow CD34+ cells. Expressed in a variety of neoplastic cell lines, mainly in prostatic adenocarcinoma cell lines. Not expressed in normal prostatic tissue.

**Sequence similarities** Belongs to the ANP32 family.  
Contains 4 LRR (leucine-rich) repeats.

## Images



**All lanes** : Anti-ANP32C/PP32R1 antibody [EPR13354-70R] (ab189921) at 1/10000 dilution

**Lane 1** : MCF-7 cell lysate

**Lane 2** : PC-3 cell lysate

**Lane 3** : BxPC-3 cell lysate

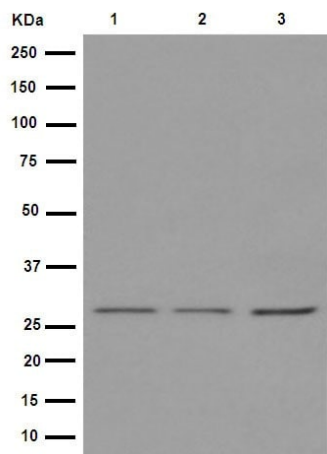
Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 27 kDa

**Observed band size:** 27 kDa



Western blot - Anti-ANP32C/PP32R1 antibody [EPR13354-70R] (ab189921)

**All lanes :** Anti-ANP32C/PP32R1 antibody [EPR13354-70R] (ab189921) at 1/2000 dilution

**Lane 1 :** C6 cell lysate

**Lane 2 :** Raw264.7 cell lysate

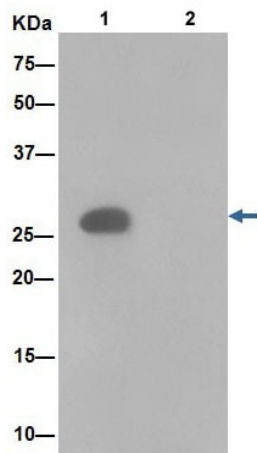
**Lane 3 :** NIH/3T3 cell lysate

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 27 kDa

**Observed band size:** 27 kDa



Immunoprecipitation - Anti-ANP32C/PP32R1 antibody [EPR13354-70R] (ab189921)

Western blot analysis of ANP32C/PP32R1 in MCF-7 cell lysate immunoprecipitated using ab189921 at 1/50 dilution (Lane1). Lane 2: PBS instead of MCF-7 lysate.

Secondary antibody: Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution.

### 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-ANP32C/PP32R1 antibody [EPR13354-70R]  
(ab189921)

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

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