

Anti-ANP32C/PP32R1 antibody [EPR13354-70R] - BSA and Azide free ab251006

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-ANP32C/PP32R1 antibody [EPR13354-70R] - BSA and Azide free
Description	Rabbit monoclonal [EPR13354-70R] to ANP32C/PP32R1 - BSA and Azide free
Host species	Rabbit
Specificity	This antibody is specific to the ANP32C/PP32R1 protein (UniProt: O43423). There is no observed cross reactivity to the Atrial Natriuretic Peptide (UniProt: P01160).
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab251006 is the carrier-free version of ab189921.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Clonality	Monoclonal
Clone number	EPR13354-70R
Isotype	IgG

Applications

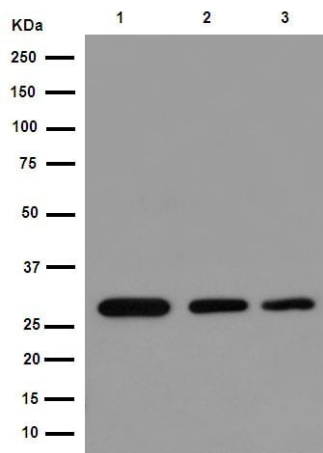
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251006 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 27 kDa (predicted molecular weight: 27 kDa).
IP		Use at an assay dependent concentration.

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



Western blot - Anti-ANP32C/PP32R1 antibody [EPR13354-70R] - BSA and Azide free (ab251006)

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.

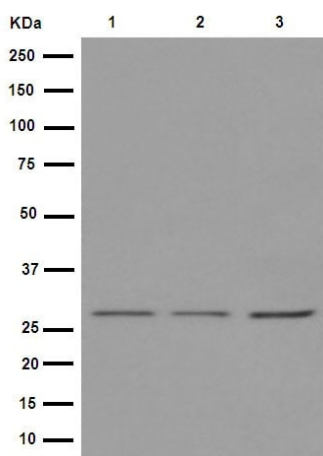
Secondary

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

Predicted band size: 27 kDa

Observed band size: 27 kDa

This data was developed using [ab189921](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-ANP32C/PP32R1 antibody [EPR13354-70R] - BSA and Azide free (ab251006)

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

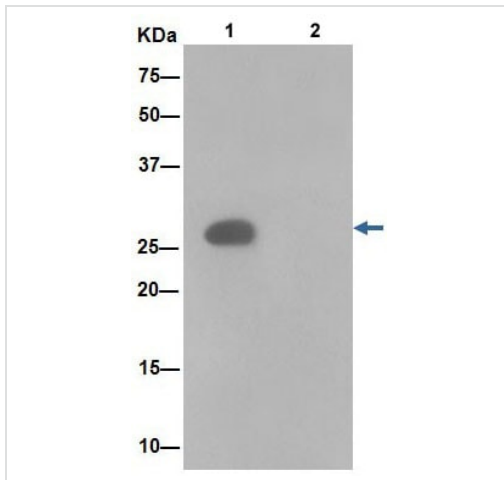
Secondary

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

Predicted band size: 27 kDa

Observed band size: 27 kDa

This data was developed using **ab189921**, the same antibody clone in a different buffer formulation.



Immunoprecipitation - Anti-ANP32C/PP32R1 antibody [EPR13354-70R] - BSA and Azide free (ab251006)

This data was developed using **ab189921**, the same antibody clone in a different buffer formulation. Western blot analysis of ANP32C/PP32R1 in MCF-7 cell lysate immunoprecipitated using **ab189921** at 1/50 dilution (Lane 1). 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] - BSA and Azide free (ab251006)

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

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