

For Research Use Only

# ANP32CP Polyclonal antibody

Catalog Number: 31298-1-AP



## Basic Information

**Catalog Number:**

31298-1-AP

**Size:**

150ul , Concentration: 300 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG35293

**GenBank Accession Number:**

NM\_012403.1

**GeneID (NCBI):**

23520

**UNIPROT ID:**

O43423

**Full Name:**

acidic (leucine-rich) nuclear phosphoprotein 32 family, member C

**Calculated MW:**

27 kDa

**Observed MW:**

27-30 kDa

**Purification Method:**

Antigen affinity Purification

**Recommended Dilutions:**

WB 1:500-1:3000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human

**Positive Controls:**

WB : DU 145 cells, LNCaP cells, PC-3 cells

## Background Information

ANP32CP (acidic nuclear phosphoprotein 32 family member C, pseudogene), also known as PP32R1. It is expected to be located in nucleus and perinuclear region of cytoplasm. 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 (PMID: 10086381). The calculated molecular weight of ANP32CP is 27 kDa. The protein could be the product of a pseudogene. Gene encoding ANP32CP is intronless suggesting that is pseudogene generated by retrotransposition.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

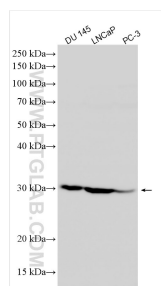
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31298-1-AP (ANP32CP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.