

For Research Use Only

# NCAPG2 Polyclonal antibody

Catalog Number: 32220-1-AP



## Basic Information

Catalog Number:

32220-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34991

GenBank Accession Number:

BC043404

GeneID (NCBI):

54892

UNIPROT ID:

Q86XI2

Full Name:

non-SMC condensin II complex, subunit G2

Calculated MW:

1143 aa, 131 kDa

Observed MW:

115 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : PC-3 cells,

## Background Information

NCAPG2 (non-SMC condensin II complex subunit G2) encodes a protein belonging to the non-SMC (structural maintenance protein) subunit family of the Condensin II complex that plays a key role in chromosome condensation and segregation during mitosis. NCAPG2 is positively correlated with cancer stem cell (CSC) markers, and aberrant NCAPG2 expression contributes to tumorigenesis in several human malignancies, such as prostate cancer and low-grade gliomas.

## 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

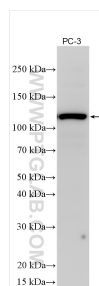
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32220-1-AP (NCAPG2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.