

For Research Use Only

# NCAPG Polyclonal antibody

Catalog Number: 24563-1-AP

Featured Product

10 Publications



## Basic Information

**Catalog Number:**

24563-1-AP

**Size:**

150ul, Concentration: 650 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG19926

**GenBank Accession Number:**

BC068467

**GeneID (NCBI):**

64151

**UNIPROT ID:**

Q9BPX3

**Full Name:**

non-SMC condensin I complex, subunit G

**Calculated MW:**

1015 aa, 114 kDa

**Observed MW:**

131 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:5000-1:50000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, IHC, CoIP

**Species Specificity:**

human

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : HEK-293 cells, HeLa cells, HepG2 cells

IP : HEK-293 cells,

IHC : human testis tissue, human cervical cancer tissue

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Xie Mengyan	36176446	Front Pharmacol	WB,IHC
Guangrong Zheng	35372056	Front Oncol	WB
Rongguiyi Zhang	35864529	J Transl Med	WB,IHC,CoIP

## 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

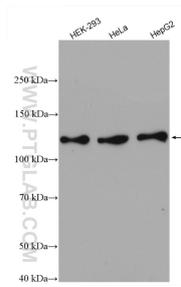
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

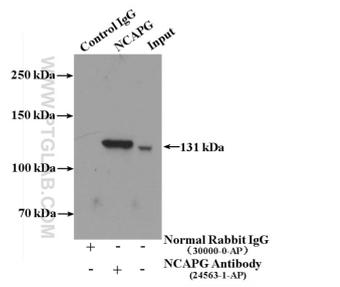
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

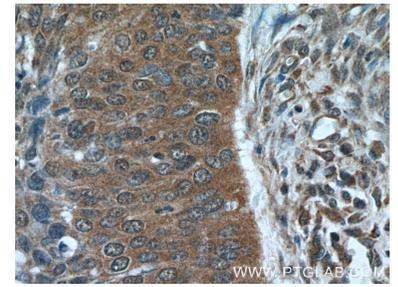
## Selected Validation Data



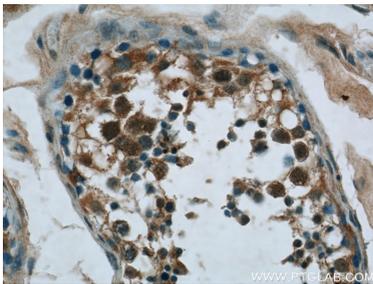
Various lysates were subjected to SDS PAGE followed by western blot with 24563-1-AP (NCAPG antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



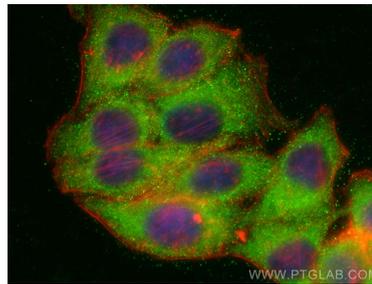
IP result of anti-NCAPG (IP:24563-1-AP, 4ug; Detection:24563-1-AP 1:1000) with HEK-293 cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 24563-1-AP (NCAPG Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 24563-1-AP (NCAPG Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using NCAPG antibody (24563-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).