

For Research Use Only

NCAPG Polyclonal antibody

Catalog Number: 24563-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

24563-1-AP

Size:

650 ug/ml

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,

Background Information

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

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

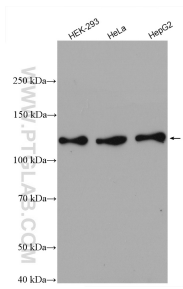
T: 4006900926

E: Proteintech-CN@ptglab.com

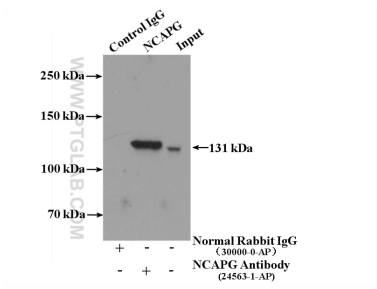
W: ptgcn.com

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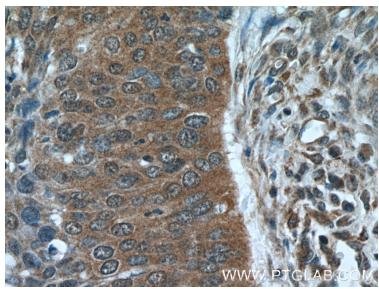
Selected Validation Data



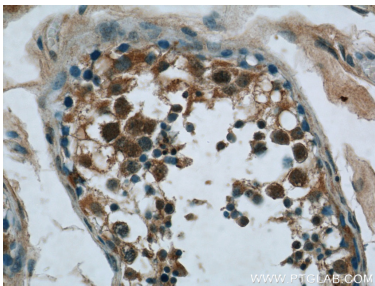
Various lysates were subjected to SDS PAGE followed by western blot with 24563-1-AP (NCAPG antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).