

Rabbit anti-Human, Mouse NCAPG Polyclonal Antibody | anti-NCAPG antibody

NCAPG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324640	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NCAPG; Polyclonal Antibody; NCAPG Antibody; CAPG; CHCG; Chromosome associated protein G; Chromosome condensation protein G; Condensin complex subunit 3; Condensin subunit CAP G; HCAP G; Melanoma antigen NY MEL 3; Non SMC condensin I complex subunit G; NY MEL 3; XCAP G homolog; anti-NCAPG antibody

PRODUCT SPECIFICATIONS

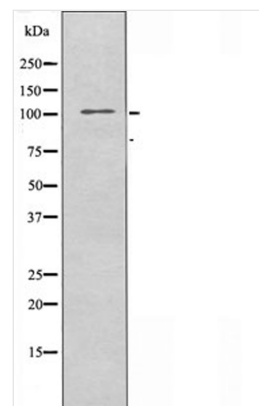
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NCAPG antibody detects endogenous levels of total NCAPG.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NCAPG antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NCAPG, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324640 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using NCAPG antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NCAPG antibody	Function: Regulatory subunit of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21359945
NCBI GeneID	64151
NCBI Accession #	NP_071741.2
NCBI GenBank Nucleotide #	NM_022346.4
UniProt Accession #	Q9BPX3; Q3MJEO; Q96SV9; Q9BUR3; Q9BVY1; Q9H914; Q9H9Z6; Q9HBI9
Molecular Weight	114 KD
NCBI Official Full Name	condensin complex subunit 3
NCBI Official Synonym Full Names	non-SMC condensin I complex subunit G
NCBI Official Symbol	NCAPG
NCBI Official Synonym Symbols	CAPG; CHCG; YCG1; NY-MEL-3
NCBI Protein Information	condensin complex subunit 3
UniProt Protein Name	Condensin complex subunit 3
UniProt Gene Name	NCAPG
UniProt Synonym Gene Names	CAPG; NYMEL3; hCAP-G

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ncapg-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324640>