

Rabbit anti-Human CAP-G Polyclonal Antibody | anti-CAP-G antibody

Rabbit anti-CAP-G Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211046	Rabbit	Human	Immunoprecipitation, Western Blot

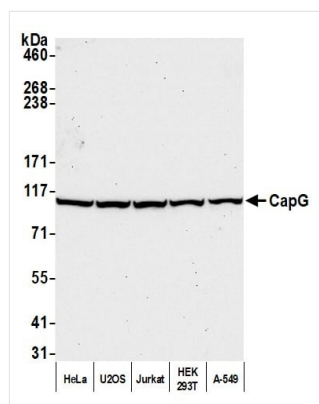
PRODUCT SYNONYMS

CAP-G; Polyclonal Antibody; Rabbit anti-CAP-G Antibody; Affinity Purified; hCAP-G; XCAP-G homolog; melanoma antigen NY-MEL-3; Non-SMC condensin I complex subunit G; YCG1; condensin complex subunit 3; chromosome-associated protein G; chromosome condensation protein G; CHCG; CAPG; NY-MEL-3; condensin subunit CAP-G; Condensin complex subunit 3; non-SMC condensin I complex subunit G; anti-CAP-G antibody

PRODUCT SPECIFICATIONS

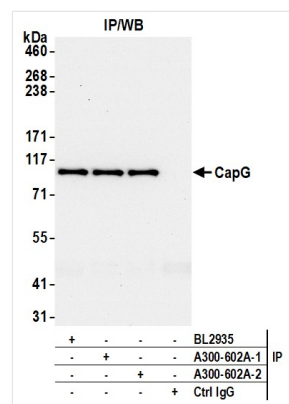
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CAP-G antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 965 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CapG by western blot. Samples: Whole cell lysate (50 ug) from HeLa, U2OS, Jurkat, HEK293T, and A-549 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CapG antibody (AAA211046 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CapG by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CapG antibody (AAA211046 lot 2) used for IP at 6 ug per reaction. CapG was also immunoprecipitated by a previous lot of this antibody (AAA211046 lot 1) and a second antibody against a different epitope of CapG (BL2935). For blotting immunoprecipitated CapG, AAA211046 was used at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CAP-G antibody	CAP-G is a subunit of the heteropentameric condensin I complex. Condensin participates in the condensation of chromosomes during cell division by facilitating positive DNA supercoiling and knotting by topoisomerase I and II and proper segregation of sister chromatids. CAP-G is a non-SMC regulatory subunit of the condensin complex.
Product Categories/Family for anti-CAP-G antibody	Primary Antibodies

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	114,334 Da
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; NY-MEL-3
NCBI Protein Information	condensin complex subunit 3; XCAP-G homolog; condensin subunit CAP-G; melanoma antigen NY-MEL-3; chromosome-associated protein G; chromosome condensation protein G
UniProt Protein Name	Condensin complex subunit 3
UniProt Gene Name	NCAPG
UniProt Synonym Gene Names	CAPG; NYMEL3; hCAP-G
UniProt Entry Name	CND3_HUMAN

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/cap-g-antibody-immunoprecipitation-western-blot-elisa/211046>