

Rabbit anti-Human CAP-G2 Polyclonal Antibody | anti-CAP-G2 antibody

Rabbit anti-CAP-G2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211048	Rabbit	Human	Immunoprecipitation, Western Blot

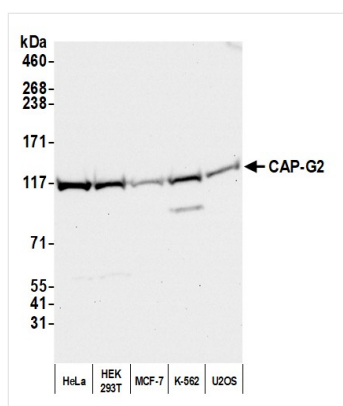
PRODUCT SYNONYMS

CAP-G2; Polyclonal Antibody; Rabbit anti-CAP-G2 Antibody; Affinity Purified; LUZP5; Non-SMC condensin II complex subunit G2; MTB; more than blood homolog; hCAP-G2; CAPG2; chromosome-associated protein G2; condensin-2 complex subunit G2; leucine zipper protein 5; Condensin-2 complex subunit G2; non-SMC condensin II complex subunit G2; anti-CAP-G2 antibody

PRODUCT SPECIFICATIONS

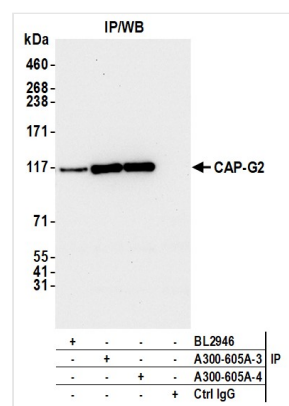
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CAP-G2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1093 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 CAP-G2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, MCF-7, K-562, and U2OS cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CAP-G2 antibody (AAA211048 lot 4) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human CAP-G2 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-CAP-G2 antibody (AAA211048 lot 4) used for IP at 6 ug per reaction. CAP-G2 was also immunoprecipitated by a previous lot of this antibody (AAA211048 lot 3) and a second antibody against a different epitope of CAP-G2 (BL2946). For blotting immunoprecipitated CAP-G2, AAA211048 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CAP-G2 antibody	CAP-G2 is a subunit of the heteropentameric condensin II 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-G2 is a non-SMC regulatory subunit of the condensin complex.
Product Categories/Family for anti-CAP-G2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116812586
NCBI GeneID	54892
NCBI Accession #	NP_060230.5
NCBI GenBank Nucleotide #	NM_017760.5
UniProt Accession #	Q86XI2; Q7Z3J9; Q8WUG8; Q9BRX6; Q9H8S2; Q9H9K6; A4D228
Molecular Weight	130,960 Da
NCBI Official Full Name	condensin-2 complex subunit G2
NCBI Official Synonym Full Names	non-SMC condensin II complex, subunit G2
NCBI Official Symbol	NCAPG2
NCBI Official Synonym Symbols	MTB; CAPG2; LUZP5; CAP-G2; hCAP-G2
NCBI Protein Information	condensin-2 complex subunit G2; more than blood homolog; leucine zipper protein 5; chromosome-associated protein G2
UniProt Protein Name	Condensin-2 complex subunit G2
UniProt Gene Name	NCAPG2
UniProt Synonym Gene Names	LUZP5; CAP-G2; hCAP-G2
UniProt Entry Name	CNDG2_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-g2-antibody-immunoprecipitation-western-blot-elisa/211048>