

Rabbit anti-Human CAPG Polyclonal Antibody | anti-CAPG antibody

Rabbit anti-CAPG Antibody, Affinity Purified

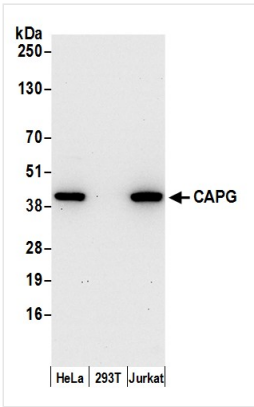
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213259	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CAPG; Polyclonal Antibody; Rabbit anti-CAPG Antibody; Affinity Purified; gelsolin-like capping protein; MCP; HEL-S-66; epididymis secretory protein Li 66; capping protein (actin filament); gelsolin-like; AFCP; actin-regulatory protein CAP-G; Actin regulatory protein CAP-G; macrophage-capping protein; Macrophage-capping protein; capping actin protein; gelsolin like; anti-CAPG antibody

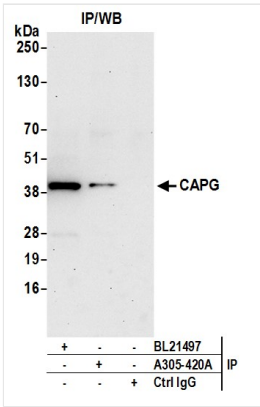
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CAPG antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Chicken, Bovine
Immunogen	Between 298 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human CAPG by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CAPG antibody AAA213259 (lot AAA213259-1) 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 (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CAPG antibody AAA213259 (lot AAA213259-1) used for IP at 6 ug per reaction. CAPG was also immunoprecipitated by rabbit anti-CAPG antibody BL21497. For blotting immunoprecipitated CAPG, AAA213259 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CAPG antibody	CAPG is a member of the gelsolin/villin family of actin-regulatory proteins. CAPG reversibly blocks the barbed ends of F-actin filaments in a Ca ²⁺ and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cell [taken from NCBI Entrez Gene (Gene ID: 822)].
Product Categories/Family for anti-CAPG antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	822
UniProt Accession #	P40121
UniProt Protein Name	Macrophage-capping protein
UniProt Gene Name	CAPG
UniProt Synonym Gene Names	AFCP; MCP
UniProt Entry Name	CAPG_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/capg-antibody-immunoprecipitation-western-blot-elisa/213259>