

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

Rabbit anti-CAPG Antibody, Affinity Purified

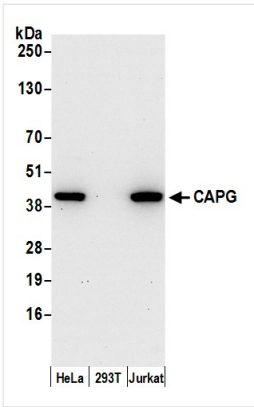
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                      |
|-----------|--------|------------|-----------------------------------|
| AAA213259 | Rabbit | Human      | Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

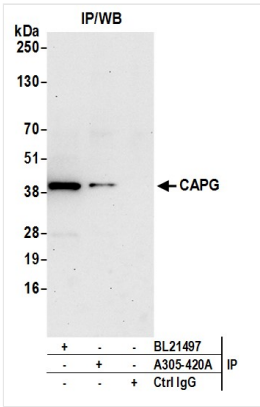
CAPG; Polyclonal Antibody; Rabbit anti-CAPG Antibody; Affinity Purified; gelsolin-like capping protein; MCP; HEL-S-66; epididymis secretory protein Li 66; capping protein (actin filament); gelsolin-like; AFCP; actin-regulatory protein CAP-G; Actin regulatory protein CAP-G; macrophage-capping protein; 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<br>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 <sup>2+</sup> 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://www.aaabiotech.com/polyclonal/capg-antibody-immunoprecipitation-western-blot-elisa/213259>