

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

Anti-CAPG Antibody, Rabbit Polyclonal

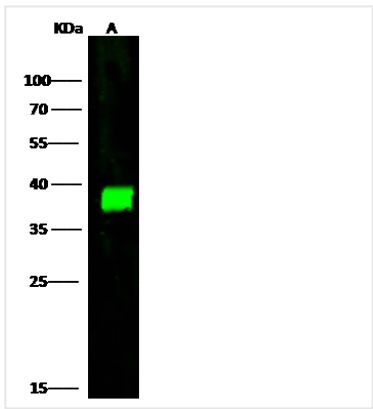
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255729	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

CAPG; Polyclonal Antibody; Anti-CAPG Antibody; Rabbit Polyclonal; CAPG/AFCP Antibody; Rabbit PAb; Antigen Affinity Purified; capping protein (actin filament); gelsolin-like; Anti-AFCP Antibody; Anti-HEL-S-66 Antibody; Anti-MCP Antibody; anti-CAPG antibody

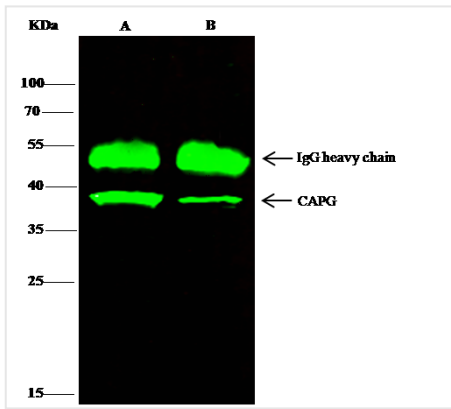
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CAPG/AFCP
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CAPG antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human CAPG/AFCP protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CAPG/AFCP (rh CAPG/AFCP). CAPG/AFCP specific IgG was purified by Human CAPG/AFCP affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)

Anti-CAPG rabbit polyclonal antibody at 1:500 dilutionLane A: HeLa Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:38 kDaObserved band size:38 kDa



IP (Immunoprecipitation)

CAPG was immunoprecipitated using:Lane A:0.5 mg HeLa Whole Cell LysateLane B:0.5 mg HepG2 Whole Cell Lysate2 uL anti-CAPG rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-CAPG rabbit polyclonal antibody,at 1:330 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 38 kDaObserved band size: 38 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CAPG antibody	CAPG, also known as actin Regulatory Protein CAPG, is a a member of the gelsolin/villin family. Members of this family are actin-regulatory proteins. CAPG reversibly blocks the barbed ends of F-actin filaments in a Ca2+ and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, CAPG contributes to the control of actin-based motility in non-muscle cells. CAPG may also play an important role in macrophage function.
References	Watari A. et al., 2007, Oncogene. 25 (56): 7373-80. De Corte V. et al., 2005, J Cell Sci. 117 (22): 5283-92. Van Impe K. et al., 2003, J Biol Chem. 278 (20): 17945-52.

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.