

Rabbit anti-Human C3G Polyclonal Antibody | anti-C3G antibody

Rabbit anti-C3G Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211699	Rabbit	Human	Immunoprecipitation, Western Blot

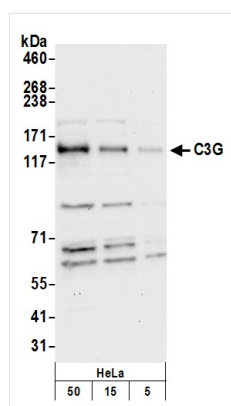
PRODUCT SYNONYMS

C3G; Polyclonal Antibody; Rabbit anti-C3G Antibody; Affinity Purified; GRF2; rap guanine nucleotide exchange factor 1; Rap guanine nucleotide exchange factor (GEF) 1; Protein C3G; Guanine nucleotide-releasing factor 2; CRK SH3-binding GNRP; guanine nucleotide-releasing factor 2 (specific for crk proto-oncogene); Rap guanine nucleotide exchange factor 1; anti-C3G antibody

PRODUCT SPECIFICATIONS

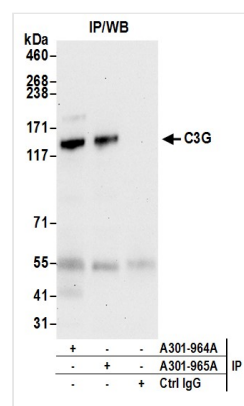
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-C3G antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
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 C3G by western blot. Samples: Whole cell lysate (5, 15 and 50 ug) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-C3G antibody AAA211699 (lot AAA211699-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human C3G by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-C3G antibody AAA211699 (lot AAA211699-2) used for IP at 6 ug per reaction. C3G was also immunoprecipitated by rabbit anti-C3G antibody For blotting immunoprecipitated C3G, AAA211699 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-C3G antibody	CRK SH3-binding GNRP (C3G) is a guanine nucleotide exchange factor (GEF) that binds to the SH3 domain of CRK and GRB2/ASH and catalyzes the exchange of GDP for GTP on GTPases of the Ras family. C3G has been reported to be involved in signaling that mediates cell adhesion and migration.
Product Categories/Family for anti-C3G antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38373675
NCBI GeneID	2889
NCBI Accession #	NP_005303.2
NCBI GenBank Nucleotide #	NM_005312.2
UniProt Accession #	Q13905; Q5JUE4; Q8IV73
Molecular Weight	120,548 Da
NCBI Official Full Name	rap guanine nucleotide exchange factor 1 isoform a
NCBI Official Synonym Full Names	Rap guanine nucleotide exchange factor (GEF) 1
NCBI Official Symbol	RAPGEF1
NCBI Official Synonym Symbols	C3G; GRF2
NCBI Protein Information	rap guanine nucleotide exchange factor 1; CRK SH3-binding GNRP; guanine nucleotide-releasing factor 2 (specific for crk proto-oncogene)
UniProt Protein Name	Rap guanine nucleotide exchange factor 1
UniProt Gene Name	RAPGEF1
UniProt Synonym Gene Names	GRF2
UniProt Entry Name	RPGF1_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/c3g-antibody-immunoprecipitation-western-blot-elisa/211699>