

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

FGG Antibody (N-term)

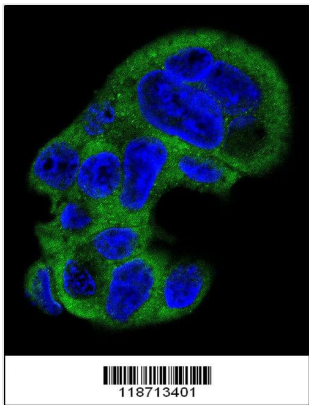
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285633	Rabbit	Human	ELISA, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

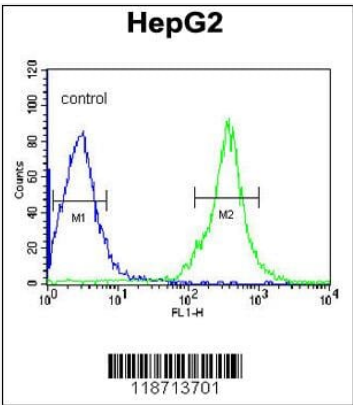
FGG; Polyclonal Antibody; FGG Antibody (N-term); Fibrinogen gamma chain; anti-FGG antibody

PRODUCT SPECIFICATIONS

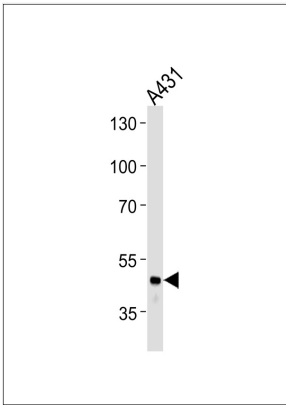
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FGG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 91-118 amino acids from the N-terminal region of human FGG.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	91-118
Sequence Length	437
Applicable Applications for anti-FGG antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of FGG Antibody (N-term) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
FGG Antibody (N-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
FGG Antibody (N-term) western blot analysis in A431 cell line lysates (35ug/lane).This demonstrates the FGG antibody detected the FGG protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FGG antibody	FGG is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this protein lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia.
Product Categories/Family for anti-FGG antibody	Crown Antibodies; Cardiovascular
References	Sie,M.P., Isaacs,A. J. Hypertens. 27 (7), 1392-1398 (2009) Nowak-Gottl,U., Weiler,H. Blood (2009) In press de Willige,S.U., Pyle,M.E. Thromb. Haemost. 101 (6), 1078-1084 (2009) Yoshida,N., Imaoka,S. Thromb. Haemost. 68 (5), 534-538 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	70906437
NCBI GeneID	2266
NCBI Accession #	NP_000500.2; NP_068656.2

NCBI GenBank Nucleotide #	NM_000509.4
UniProt Accession #	P02679; P04469; P04470; Q53Y18; Q96A14; Q96KJ3; Q9UC62; Q9UC63; Q9UCF3; A8K057
Molecular Weight	51512
NCBI Official Full Name	fibrinogen gamma chain isoform gamma-A
NCBI Official Synonym Full Names	fibrinogen gamma chain
NCBI Official Symbol	FGG
NCBI Protein Information	fibrinogen gamma chain
UniProt Protein Name	Fibrinogen gamma chain
UniProt Gene Name	FGG
UniProt Entry Name	FIBG_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/fgg-antibody-western-blot-immunofluorescence-flow-cytometry-elisa/285633>