

Rabbit anti-Cow Fibrinogen Polyclonal Antibody | anti-FGA antibody

Bovine Fibrinogen Antibody HRP Conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313000	Rabbit	Cow	Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Fibrinogen; Polyclonal Antibody; Bovine Fibrinogen Antibody HRP Conjugated; FGA; FGA protein; FGB; FGG; Fib2; Fibrin alpha chain ; Fibrinogen A alpha polypeptide; Fibrinogen A alpha polypeptide chain; Fibrinogen alpha chain; Fibrinogen B alpha polypeptide; Fibrinogen beta chain; Fibrinogen G alpha polypeptide; Fibrinogen gamma chain; MGC104327; MGC119422; MGC119423; MGC11942; Bovine Fibrinogen; anti-FGA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified by Protein A
Form/Format	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FGA antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Conjugation	HRP
Immunogen	Fibrinogen from bovine plasma
Target Name	Bovine Fibrinogen
Preparation and Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles

ADDITIONAL INFORMATION

Related Product Information for anti-FGA antibody	Fibrinogen is the main protein of blood coagulation system. It is a large protein and it consists of two identical subunits that contain three polypeptide chains: alpha, beta and gamma. All chains are connected with each other by a number of disulfide bonds. Fibrinopeptides A (1 to 16 amino acids) and B (1 to 17 amino acids) are released by thrombin from the N terminal parts of alpha and beta chains, respectively. In this way fibrinogen is converted into fibrin, which by means of polymerization forms a fibrin clot. Fibrinogen clotting underlies pathogenesis of MI, thromboembolism and thromboses of arteries and veins, since fibrin is the main substrate for thrombus formation. Fibrinogen activation is also involved in pathogenesis of inflammation, tumor growth and many other diseases. The normal fibrinogen concentration in plasma is about 3 mg/ml. The elevated level of fibrinogen in patient's blood is regarded as an independent risk factor for cardiovascular diseases. An increase in blood fibrinogen concentration was shown to be a strong predictor of coronary heart disease (Sonel A. et al, and Rapold H.J. et al). All these facts make fibrinogen an important parameter in the identification of cardiovascular diseases.
Product Categories/Family for anti-FGA antibody	Conjugated Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	75812954
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NCBI GeneID	522039
NCBI Accession #	NP_001028798.1
NCBI GenBank Nucleotide #	NM_001033626.1
UniProt Accession #	P02672; O97642; Q3T049
NCBI Official Full Name	fibrinogen alpha chain
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	FGA
NCBI Protein Information	fibrinogen alpha chain; fibrinogen A-alpha chain; fibrinogen, alpha polypeptide
UniProt Protein Name	Fibrinogen alpha chain
UniProt Gene Name	FGA
UniProt Entry Name	FIBA_BOVIN

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/fibrinogen-antibody-immunohistochemistry-immunohistochemistry-elisa/313000>