

Rabbit Anti-Bovine Fibrinogen antibody

SL10361R

Product Name	Bovine Fibrinogen
Chinese Name	牛纤维蛋白原抗体
Alias	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; MGC119425; MGC120405.
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Cow,) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Cellular localization	Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	Fibrinogen from bovine plasma: full length
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	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 diagnosis of cardiovascular diseases.

Subcellular Location:

Secreted.

SWISS:

P02672

Gene ID:

522039

Database links:

[Entrez Gene: 2243](#) Human

[Entrez Gene: 2244](#) Human

[Entrez Gene: 2266](#) Human

[Omid: 134820](#) Human

[Omid: 134850](#) Human

[SwissProt: P02671](#) Human

[Unigene: 351593](#) Human