Datasheet for ABIN1713347
anti-Fibrinogen antibody

Overview

Quantity:	100 μL
Target:	Fibrinogen
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrinogen antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Fibrinogen from bovine plasma
Isotype:	IgG
Cross-Reactivity:	Cow
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

Target Details

Target:	Fibrinogen
Alternative Name:	Bovine Fibrinogen (Fibrinogen Products)

Target Details

Background:	Synonyms: 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.
	Background: 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.
Gene ID:	522039

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months