

Datasheet for ABIN673841
anti-Fibrinogen antibody (Biotin)



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Overview

Quantity:	100 µL
Target:	Fibrinogen
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Fibrinogen antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Fibrinogen from human plasma
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	Fibrinogen
Alternative Name:	Human Fibrinogen (Fibrinogen Products)
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, FIBA_HUMAN.

Target Details

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.

Gene ID: 2243

Application Details

Application Notes: WB 1:100-1000
IHC-P 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months