

Fibrinogen alpha chain Antibody

Rabbit mAb Catalog # AP92351

Specification

Fibrinogen alpha chain Antibody - Product Information

Application WB, IHC, FC, ICC, IP

Primary Accession P02671
Reactivity Rat

Clonality Monoclonal

Other Names

Fba5e; FGA; Fib; Fib2; Fibrinopeptide A;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 94973 Da

Fibrinogen alpha chain Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

Fibrinogen alpha chain

Description Fibrinogen has a double function: yielding

monomers that polymerize into fibrin and

acting as a cofactor in platelet

aggregation.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline ,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

Fibrinogen alpha chain Antibody - Protein Information

Name FGA

Function

Cleaved by the protease thrombin to yield monomers which, together with fibrinogen beta (FGB) and fibrinogen gamma (FGG), polymerize to form an insoluble fibrin matrix. Fibrin has a major function in hemostasis as one of the primary components of blood clots. In addition, functions during the early stages of wound repair to stabilize the lesion and guide cell migration during reepithelialization. Was originally thought to be essential for platelet aggregation, based on in vitro studies using anticoagulated blood. However, subsequent studies have shown that it is not absolutely required for thrombus formation in vivo. Enhances expression of SELP in activated





Tel: 858.875.1900 Fax: 858.875.1999

platelets via an ITGB3-dependent pathway. Maternal fibrinogen is essential for successful pregnancy. Fibrin deposition is also associated with infection, where it protects against IFNG-mediated hemorrhage. May also facilitate the immune response via both innate and T-cell mediated pathways.

Cellular Location Secreted

Tissue Location

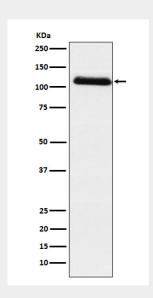
Detected in blood plasma (at protein level).

Fibrinogen alpha chain Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Fibrinogen alpha chain Antibody - Images



Western blot analysis of Fibrinogen alpha chain expression in Human plasma lysate.