

Datasheet for ABIN5647118
anti-FGG antibody (AA 133-163)



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1 Image

Overview

Quantity:	100 µg
Target:	FGG
Binding Specificity:	AA 133-163
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Amino acids 133-163 (IRYLQEIYNSNNQKIVNLKEKVAQLEAQCQE-human) were used as the immunogen for the Fibrinogen gamma chain antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	FGG
Abstract:	FGG Products
Background:	Fibrinogen gamma chain, also known as FGG, is a human gene found on chromosome 4. The protein encoded by this gene is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular

Target Details

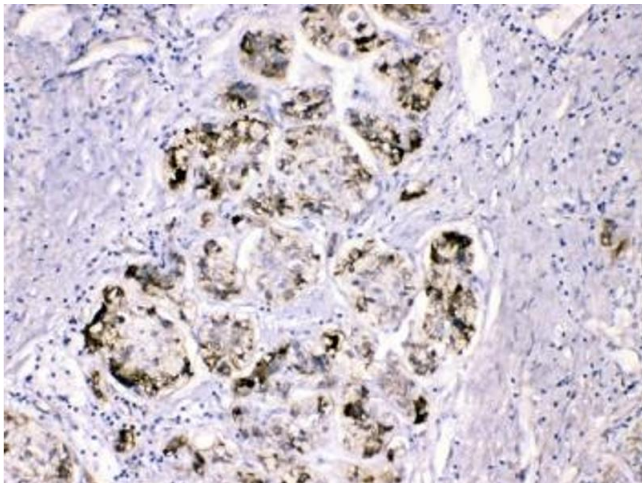
injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia. Alternative splicing results in transcript variants encoding different isoforms.

UniProt: [P02679](#)

Application Details

Application Notes:	Optimal dilution of the Fibrinogen gamma chain antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL,Immunohistochemistry (FFPE): 1-2 µg/mL
Restrictions:	For Research Use only
Handling	
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the Fibrinogen gamma chain antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. IHC testing of FFPE human liver cancer tissue with Fibrinogen gamma chain antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.