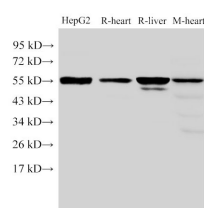


FGB Polyclonal Antibody

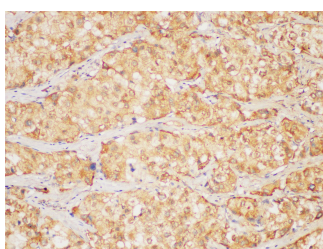
Catalog No.	E-AB-40404	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

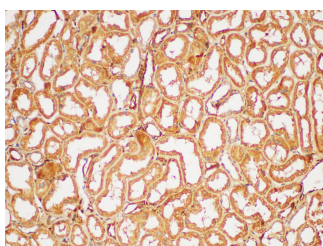
Images



Western Blot analysis of HepG2, Rat heart, Rat liver and Mouse heart using FGB Polyclonal Antibody at dilution of 1:4000



Immunohistochemistry of paraffin-embedded Human liver cancer using FGB Polyclonal Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Human kidney using FGB Polyclonal Antibody at dilution of 1:200

Immunogen Information

Immunogen	Recombinant Human Fibrinogen beta chain protein
GeneID	2244
Swissprot	P02675
Synonyms	Beta fibrinogen, FGB, Fibrinogen beta chain, HEL-S-78p

Product Information

Calculated MW	55 kDa
Observed MW	55 kDa
Buffer	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Purify	Antigen Affinity Purification
Dilution	WB 1:2000-1:4000 IHC 1:100-1:300

Background

The protein encoded by this gene is the beta component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular 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 afibrinogenemia, dysfibrinogenemia, hypodysfibrinogenemia and thrombotic tendency.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.