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Datasheet for ABIN390414

anti-Fibrinogen beta Chain antibody (C-Term)

2 Images

Overview

Quantity:	400 µL
Target:	Fibrinogen beta Chain (FGB)
Binding Specificity:	AA 330-357, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibrinogen beta Chain antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This FIBB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 330-357 amino acids from the C-terminal region of human FIBB.
Clone:	RB19513
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Fibrinogen beta Chain (FGB)
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Target Details

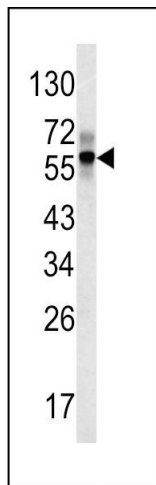
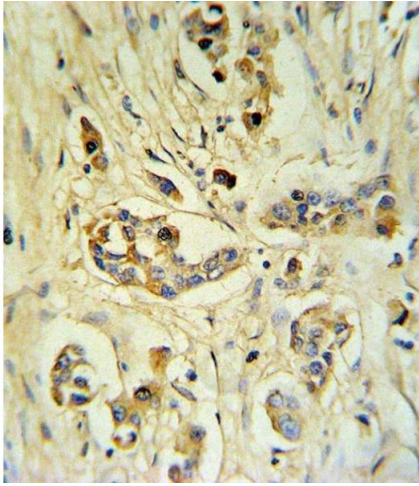
Alternative Name:	FIBB (FGB Products)
Background:	FIBB is the beta component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood 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 its gene lead to several disorders, including afibrinogenemia, dysfibrinogenemia, hypodysfibrinogenemia and thrombotic tendency.
Molecular Weight:	55928
Gene ID:	2244
NCBI Accession:	NP_001171670 , NP_005132
UniProt:	P02675

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. FIBB Antibody (C-term) (ABIN390414 and ABIN2840803) IHC analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FIBB Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of FIBB antibody (C-term) (ABIN390414 and ABIN2840803) in mouse liver tissue lysates (35 µg/lane). FIBB (arrow) was detected using the purified Pab.