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Datasheet for ABIN873232 anti-FGA antibody (AA 61-160)

2 Images

2 Publications



Overview

Quantity:	100 µL
Target:	FGA
Binding Specificity:	AA 61-160
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Fibrinogen alpha chain
lsotype:	lgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	FGA

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Alternative Name:	Fibrinogen alpha chain (FGA Products)
Background:	Synonyms: Fib2, Fibrinogen alpha chain, FGA, Fibrin
	Background: 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 re-epithelialization. Was originally thought to be essential for platele
	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 platelets via an ITGB3-dependent pathway. Maternal fibrinoger
	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.
Gene ID:	2243
UniProt:	P02671

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

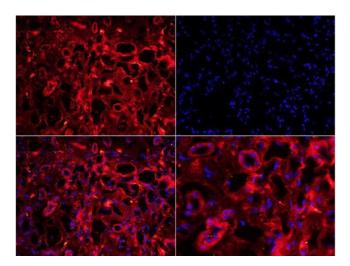
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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Handling	
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Imamura, Yamada, Tsuboi, Nakane, Tsukasaki, Komatsuzaki, Jin: "Near-Infrared Emitting PbS
	Quantum Dots for in Vivo Fluorescence Imaging of the Thrombotic State in Septic Mouse Brain.
	" in: Molecules (Basel, Switzerland), Vol. 21, Issue 8, (2016) (PubMed).
	Li, He, Di, Yan, Zhang: "Comparative analysis of the serum proteome for biomarker discovery to
	reveal hepatotoxicity induced by iron ion radiation in mice." in: Life sciences, Vol. 167, pp. 57-66,
	(2016) (PubMed).

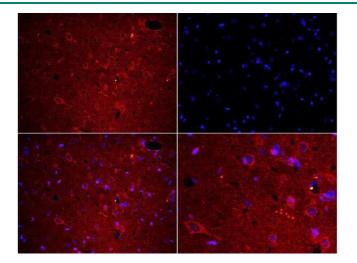
Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded human kidney tissue labeled with Anti-Fibrinogen alpha chain Polyclonal Antibody, unconjugated 1:200, 40 minutes at 37°C. DAPI nuclear stain employed.

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Immunofluorescence (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti-Fibrinogen alpha chain Polyclonal Antibody, Unconjugated used at 1:200 dilution for 40 minutes at 37°C.

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