

Datasheet for ABIN390830
anti-FGA antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	FGA
Binding Specificity:	AA 116-144, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This FGA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-144 amino acids from the N-terminal region of human FGA.
Clone:	RB18707
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	FGA
Alternative Name:	FGA (FGA Products)

Target Details

Background: FGA is the alpha 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.

Molecular Weight: 94973

Gene ID: 2243

NCBI Accession: [NP_000499](#), [NP_068657](#)

UniProt: [P02671](#)

Application Details

Application Notes: IF: 1:10~50. 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.

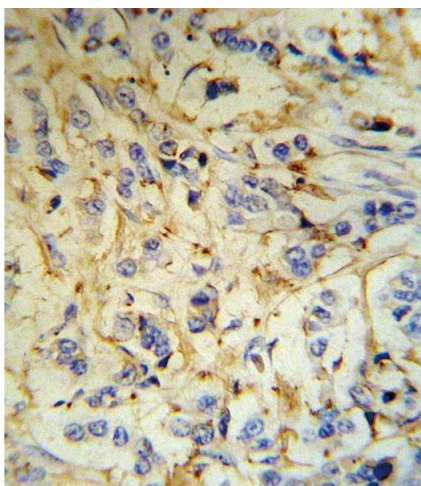
Preservative: Sodium azide

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

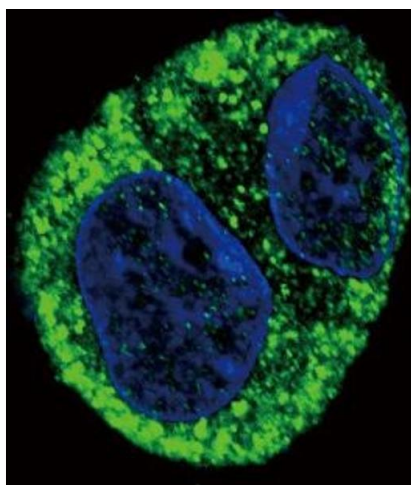
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



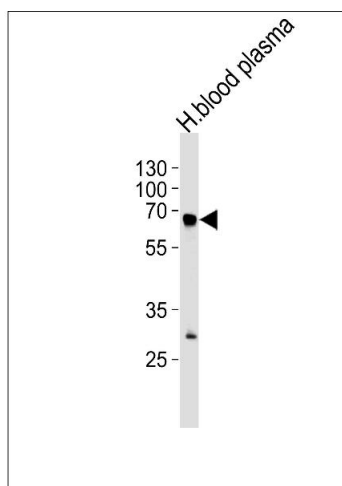
Immunohistochemistry (Paraffin-embedded Sections)

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



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of FGA Antibody (N-term) (ABIN390830 and ABIN2841057) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. FGA Antibody (N-term) (ABIN390830 and ABIN2841057) western blot analysis in human blood plasma tissue lysates (35 µg/lane). This demonstrates the FGA antibody detected the FGA protein (arrow).