

Anti-FGA Antibody (N-term)

Catalog Number: A00816

About FGA

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.

Overview

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| Product Name | Anti-FGA Antibody (N-term) |
| Reactive Species | Human |
| Description | Boster Bio Anti-FGA Antibody (N-term) (Catalog # A00816). Tested in WB, IF, IHC-P application(s). This antibody reacts with Human. |
| Application | IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P02671 |

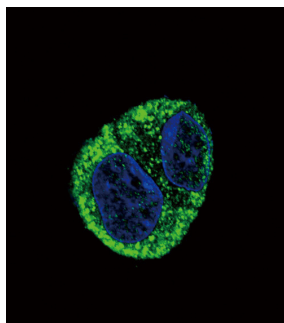
Technical Details

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| 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. |
| Predicted Reactive Species | Bovine |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P). |
| Cross Reactivity | No cross reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Purification | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

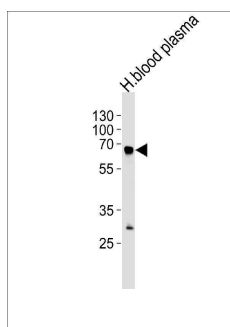
Suggested Dilutions

IF: 1:10-1:50
WB: 1:1000
IHC-P: 1:10-1:50

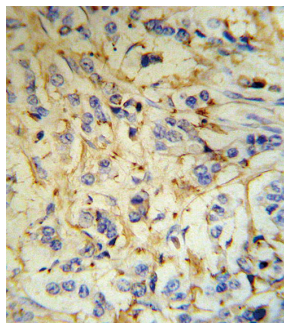
Anti-FGA Antibody (N-term) (A00816) Images



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



FGA Antibody (N-term) (Cat. #A00816) western blot analysis in human blood plasma tissue lysates (35ug/lane). This demonstrates the FGA antibody detected the FGA protein (arrow).



FGA Antibody (N-term) 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.

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For Research Use Only. Not for use in diagnostic procedures.