

Rabbit anti-Human Fibrinogen alpha chain/FGA Polyclonal Antibody | anti-FGA antibody

Anti-Fibrinogen alpha chain/FGA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125410	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Fibrinogen alpha chain/FGA; Polyclonal Antibody; Anti-Fibrinogen alpha chain/FGA Antibody; Fibrinogen alpha chain; FGA; anti-FGA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	644
Applicable Applications for anti-FGA antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Fibrinogen alpha chain/FGA recombinant protein (Position: E139-Q784).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

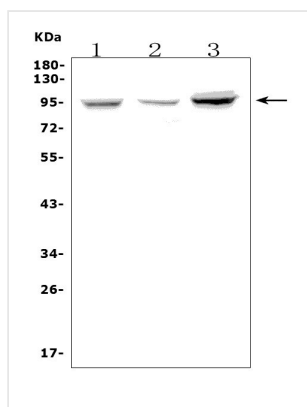
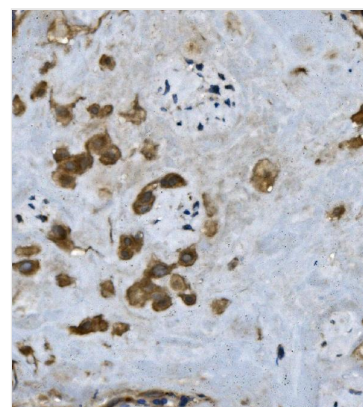
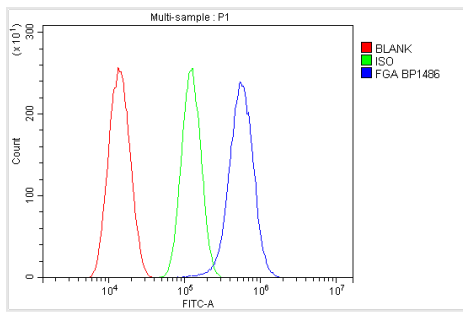
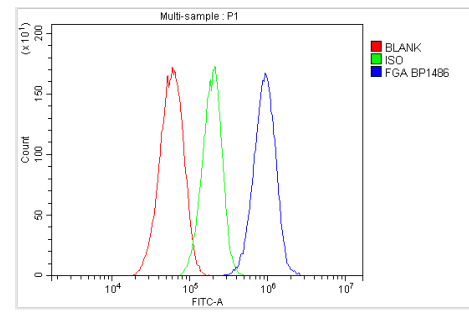

WB (Western Blot)

Figure 1. Western blot analysis of FGA using anti-FGA antibody.


IHC (Immunohistochemistry)



FCM/FACS (Flow Cytometry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-FGA antibody	Description: Rabbit IgG polyclonal antibody for Fibrinogen alpha chain/FGA detection. Tested with WB, IHC-P, FCM, Direct ELISA in Human. Background: Fibrinogen alpha chain is a protein that in humans is encoded by the FGA gene. This gene encodes the alpha subunit of the coagulation factor fibrinogen, which is a component of the blood clot. Following vascular injury, the encoded preproprotein is proteolytically processed by thrombin during the conversion of fibrinogen to fibrin. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia, afibrinogenemia and renal amyloidosis. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing.
References	- Ahn, H. J., Glickman, J. F., Poon, K. L., Zamolodchikov, D., Jno-Charles, O. C., Norris, E. H., Strickland, S. A novel A-beta-fibrinogen interaction inhibitor rescues altered thrombosis and cognitive decline in Alzheimer's disease mice. <i>J. Exp. Med.</i> 211: 1049-1062, 2014. - Akassoglou, K., Yu, W.-M., Akpinar, P., Strickland, S. Fibrin inhibits peripheral nerve remyelination by regulating Schwann cell differentiation. <i>Neuron</i> 33: 861-875, 2002. - Alving, B. M., Henschen, A. H. Fibrinogen Giessen I: a congenital homozygously expressed dysfibrinogenemia with A-alpha arg-to-his substitution. <i>Am. J. Hemat.</i> 25: 479-482, 1987.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11761629
NCBI GeneID	2243
NCBI Accession #	NP_068657.1
NCBI GenBank Nucleotide #	NP_068657.1
UniProt Accession #	P02671
NCBI Official Full Name	fibrinogen alpha chain isoform alpha
NCBI Official Synonym Full Names	fibrinogen alpha chain
NCBI Official Symbol	FGA
NCBI Official Synonym Symbols	Fib2
NCBI Protein Information	fibrinogen alpha chain
UniProt Protein Name	Fibrinogen alpha chain
UniProt Gene Name	FGA
UniProt Entry Name	FIBA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.