FGA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGA, Polyclonal Antibody
Full Product Name	FGA
Product Gene Name	anti-FGA antibody
Product Synonym Names	Purified Rabbit Anti Human FGA Polyclonal antibody; Fib2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	75kDa
Immunogen	Recombinant fragment corresponding to 382aa-575aa of human FGA.
Cellular Localization	Amyloid and Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FGA antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-FGA antibody	ELISA: 1:20000-80000 IHC: 1:100-500
Related Product Information for anti-FGA antibody	MBS8563168 is an antibody targeting FGA. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens fibrinogen alpha chain, transcript variant alpha, mRNA
Product References and Citations for anti-FGA antibody	Blomback B, Blomback M. Molecular defects and variants of fibrinogen. Nouvelle revue francaise d'hematologie. 10 (5):671 (1970)
Other Notes	Small volumes of anti-FGA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGA. It may not necessarily be applicable to this product.

NCBI GI #	71043478
NCBI GeneID	2243
NCBI Accession #	BC099706
UniProt Related Accession #	P02671
NCBI Official Full Name	Homo sapiens fibrinogen alpha chain, transcript variant alpha, mRNA
NCBI Official Synonym Full Names	fibrinogen alpha chain

NCBI Official Symbol	FGA
NCBI Official Synonym Symbols	Fib2
Protein Family	Fibrinogen
NCBI Protein Information	fibrinogen alpha chain
NCBI Summary for FGA	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. [provided by RefSeq, Jan 2016]
Research Articles on FGA	**1.** the presence of human serum albumin (HSA) or immunoglobulin G (IgG), which are both protected from intracellular degradation by the interaction with the neonatal Fc receptor (FcRn), results in a decreased amount of internalized fibrinogen.
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