FGA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGA, Polyclonal Antibody
Full Product Name	FGA (Fibrinogen alpha Chain) (MaxLight 405)
Product Gene Name	anti-FGA antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FGA. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo centrifuge the original vial prior to removing the cap.
Molecular Weight	69,757 Da
Immunogen	Full length human FGA, aa1-218 (AAH20764.1).
Immunogen Sequence	MFSMRIVCLVLSVVGTAWTADSGEGDFLAEGGGVRGPRVVERHQSACKDSDWPFCSGEDWNYKCPSGCRMKGLIDEVNQDFTNRINKLKNSLFEYQK
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-FGA antibody	Antibodies; Fibrinogen
Applications Tested/Suitable for anti-FGA antibody	Immunohistochemistry (IHC) Paraffin, Western Blot (WB)
Application Notes for anti-FGA antibody	IHC-P: 1.5ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-FGA antibody	MBS6378443 is an antibody targeting FGA. Also known as FGA (Fibrinogen alpha Chain) (MaxLight 405). Reactive in Human, Mouse. Host: Rabbit.
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 necessa apply.

ADDITIONAL DETAILS

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

NCBI GI #	18088462
NCBI GeneID	2243
NCBI Accession #	BC020764
NCBI Related Accession #	AAH20764.1
UniProt Secondary Accession #	Q4QQH7; Q9BX62; Q9UCH2; A8K3E4; D3DP14; D3DP15
UniProt Related Accession #	P02671
NCBI Official Full Name	Homo sapiens fibrinogen alpha chain, 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.** To novel fibrinogen mutations have been identified (Aa17GlyalphaCys and Aa381SeralphaPhe) that cosegregate with dysfibrinogenemia in seven family members of a Chinese pedigree.
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