

Mouse anti-Human, mouse FGA Monoclonal Antibody | anti-FGA antibody

FGA Antibody (N-term)

CATALOG # AAA283514	HOST Mouse	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

FGA; Monoclonal Antibody; FGA Antibody (N-term); Fibrinogen alpha chain; Fibrinopeptide A; anti-FGA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, mouse
Clonality	Monoclonal
Isotype	IgM
Clone Number	471CT12.1.2
Specificity	This FGA antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 420-448 amino acids from the N-terminal region of human FGA.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1 (varies by lot)
Sequence Positions	420-448
Sequence Length	866
Applicable Applications for anti-FGA antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

FGA Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the FGA(N-term) antibody detected the FGA(N-term) protein (arrow).



WB (Western Blot)

Western blot analysis of lysates from human Liver, mouse Liver, mouse bladder tissue (from left to right), using FGA Antibody (N-term). AAA283514 was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-FGA antibody	The protein encoded by this gene 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. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia, afibrinogenemia and renal amyloidosis. Alternative splicing results in two isoforms which vary in the carboxy-terminus. [provided by RefSeq].
Product Categories/Family for anti-FGA antibody	Cardiovascular; Metabolism
References	Bahadori, B., et al. Thromb. Res. 126(4):350-352(2010) Chen, Z., et al. Hum. Genet. 128(4):443-452(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Gu, W.P., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 27(3):286-289(2010) Ban, H.J., et al. BMC Genet. 11, 26 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503689
NCBI GeneID	2243
NCBI Accession #	NP_000499.1; NP_068657.1
NCBI GenBank Nucleotide #	NM_000508.3
UniProt Accession #	P02671; Q4QQH7; Q9BX62; Q9UCH2; A8K3E4; D3DP14; D3DP15
Molecular Weight	94973
NCBI Official Full Name	fibrinogen alpha chain isoform alpha-E preproprotein
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.