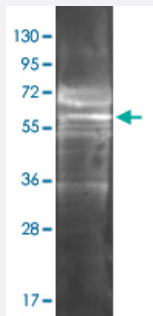


FGA polyclonal antibody

Catalog # PAB28055 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western Blot analysis by FGA polyclonal antibody (Cat # PAB27909) with 1ug protein at 1:3000. FGA detected under reduced condition (4% beta-Mercaptoethanol, boiled for 5 minutes).

Specification

Product Description	Goat polyclonal antibody raised against native FGA.
Immunogen	Native purified FGA from human plasma.
Host	Goat
Reactivity	Human
Form	Lyophilized
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	ELISA (1:20000 - 1:100000) Western Blot (1:2000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 20 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western Blot analysis by FGA polyclonal antibody (Cat # PAB27909) with 1ug protein at 1:3000. FGA detected under reduced condition (4% beta-Mercaptoethanol, boiled for 5 minutes).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FGA

Entrez GeneID [2243](#)

Gene Name FGA

Gene Alias Fib2, MGC119422, MGC119423, MGC119425

Gene Description fibrinogen alpha chain

Omim ID [105200](#) [134820](#) [202400](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations fibrinogen, A alpha polypeptide|fibrinogen, alpha chain, isoform alpha preproprotein|fibrinogen, alpha polypeptide

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Alzheimer disease](#)
- [Anemia](#)
- [Angina](#)
- [Aortic Diseases](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Foramen Ovale](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)

- [Heart Defects](#)
- [Heart Septal Defects](#)
- [Hemophilia A](#)
- [Hemorrhage](#)
- [Hypertension](#)
- [Ischemia](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Postoperative Complications](#)
- [Pulmonary Embolism](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)