

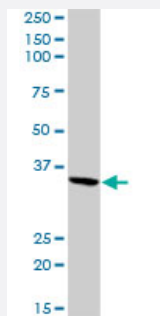
MaxPab®

FGA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002243-D01P

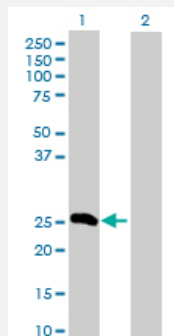
Size 100 ug

Applications



Western Blot (Tissue lysate)

FGA MaxPab rabbit polyclonal antibody. Western Blot analysis of FGA expression in mouse kidney.

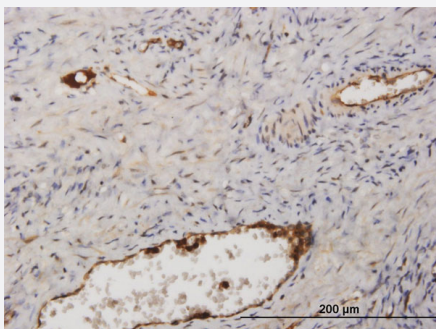


Western Blot (Transfected lysate)

Western Blot analysis of FGA expression in transfected 293T cell line ([H00002243-T02](#)) by FGA MaxPab polyclonal antibody.

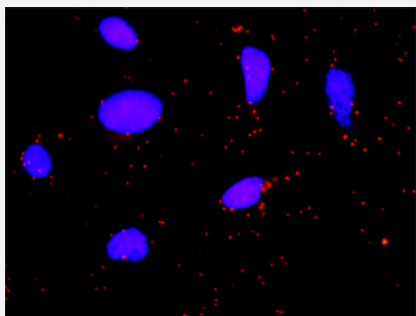
Lane 1: FGA transfected lysate(24.70 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab rabbit antibody to FGA on formalin-fixed paraffin-embedded human ovary. [antibody concentration 1.5 ug/ml]



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between FGA and F2. HeLa cells were stained with anti-FGA rabbit purified polyclonal 1:1200 and anti-F2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FGA protein.
Immunogen	FGA (AAH20764.1, 1 a.a. ~ 218 a.a) full-length human protein.
Sequence	MFSMRVCLVLSVVGTAWTADSGEGDFLAEGGGVRGPRVVERHQSACKDSDWPFCSGEDWNY KCPSGCRMKGlideVNQDFTNRINKLKNSLFEYQKNNKDSHSLTTNIMEILRGDFSSANNRDNTYN RVSEDLRSRIEVLKRKVIEKVTANLLVARVTTEETPHLKARAIAKWQMRPEVKPIMKEHIAPREAML NLALSEVSTLLLWGSLPCPPRLS
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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Gene Info — FGA

Entrez GeneID [2243](#)

GeneBank Accession# [BC020764](#)

Protein Accession# [AAH20764.1](#)

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](#)