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Product datasheet for TA396706S

Fibrinogen alpha chain (FGA) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**WB**: 1:500 - 1:2,500 **IHC**: 1:1,000 - 1:5,000 **ELISA**: 1:2,000 - 1:10,000
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Fibrinogen [Human Plasma]
Specificity:	Anti-Fibrinogen antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum as well as purified and partially purified Fibrinogen [Human Plasma]. Cross reactivity against Fibrinogen from other sources is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	Biotin
Storage:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Stability:	Expiration date is one (1) year from date of receipt.
Gene Name:	fibrinogen alpha chain
Database Link:	Entrez Gene 2243 Human P02671

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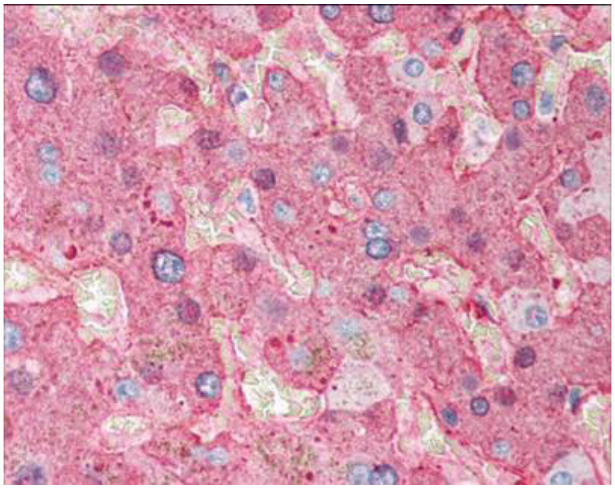
Background: Anti-Fibrinogen antibody has a dual function: yielding monomers that polymerize into fibrin and as a main protein of the blood coagulation system, it also functions as a cofactor in platelet aggregation. Fibrinogen clotting underlies pathogenesis of thromboembolism, MI, and thrombus formation. Fibrinogen activation is a major factor in the mechanism which causes inflammation, tumor growth and various additional diseases. These characteristics make Anti-Fibrinogen ideal for investigators interested in the fields of Cardiovascular or Metabolism research.

Synonyms: goat anti-Fibrinogen Antibody biotin Conjugation, biotin Conjugated goat anti-Fibrinogen Antibody, FGA antibody, FGA protein antibody, FGB antibody, FGG antibody, Fib2 antibody, Fibrinogen A alpha polypeptide antibody, Fibrinogen A alpha polypeptide chain antibody, Fibrinogen alpha chain antibody

Note: Anti-Fibrinogen Biotin antibody has been tested by ELISA, western blot, and immunohistochemistry. This product is assayed against 1.0 µg of Fibrinogen in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:50,000 to 1:250,000 of the reconstitution concentration is suggested for this product.

Product images:



Immunohistochemistry of Goat Anti-Fibrinogen antibody. Tissue: human liver tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Fibrinogen antibody at 1:500 for 1 h at RT. Secondary antibody: Peroxidase goat secondary antibody at 1:10,000 for 45 min at RT. Localization: Fibrinogen is localized in plasma. Staining: Fibrinogen as precipitated red signal with hematoxylin purple nuclear counterstain.