

## Product datasheet for **TA396681S**

### Fibrinogen alpha chain (FGA) Goat Polyclonal Antibody

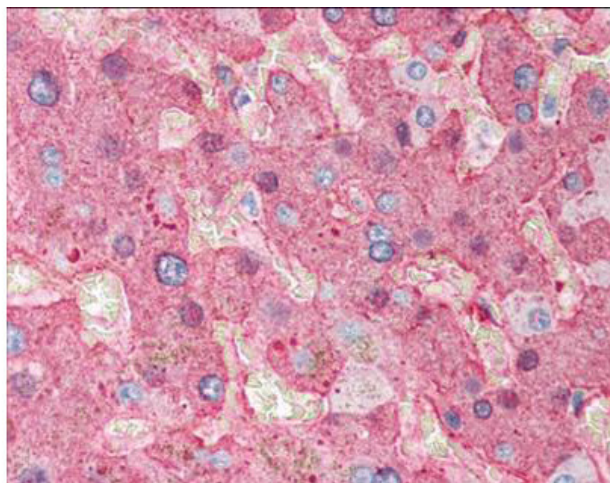
#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>WB:</b> 1:1,000 - 1:5,000 <b>IHC:</b> 1:250 - 1:1,000 <b>ELISA:</b> 1:10,000 - 1:40,000
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Fibrinogen [Human Plasma]
Specificity:	Anti-FIBRINOGEN Antibody (Peroxidase Conjugated) 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-Peroxidase, 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:	HRP
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:	<a href="#">Entrez Gene 2243 Human P02671</a>



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- Background:** Peroxidase Conjugated Anti-FIBRINOGEN Antibody is specific of fibrinogen protein. Fibrinogen is a soluble plasma glycoprotein synthesized by the liver that is converted by thrombin into fibrin during blood coagulation. Fibrin specifically binds the activated coagulation factors factor Xa and thrombin and entraps them in the network of fibers, thus functioning as a temporary inhibitor of these enzymes, which stay active and can be released during fibrinolysis. Recent research has shown that fibrin plays a key role in the inflammatory response and development of rheumatoid arthritis. Anti-FIBRINOGEN Antibody is suitable for immunology and cardiovascular research.
- Synonyms:** goat anti-Fibrinogen Antibody HRP Conjugation, Peroxidase 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 Antibody (peroxidase conjugated) antibody has been tested by ELISA, dot blot, western blot, and immunohistochemistry. Concentrations should be optimized by researcher.

**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.