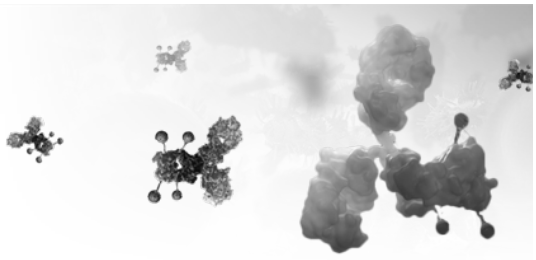

Rabbit Anti-Human Fibrinogen (α chain) polyclonal antibody (CABT-L4590)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This Pab can be used for Western blot applications. The antibody recognizes the α chain of fibrinogen at 70 kDa from human samples.
Specificity	The antibody recognizes the α chain of fibrinogen at 70 kDa from human samples.
Immunogen	Peptide from the C-terminal region of human fibrinogen (α chain)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Peptide affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	500 µl
Buffer	PBS, pH 7.2 with 50% glycerol and 0.02% sodium azide
Preservative	0.02% sodium azide
Storage	Store -20°C for long term.

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Ship	Wet ice

BACKGROUND

Introduction	Fibrinogen is a hexameric glycoprotein that has roles in coagulation and hemostasis. It is comprised of two sets of Aα, Bβ, and γ polypeptide chains encoded by FGA, FGB, and FGG, respectively, in humans. Fibrinogen is synthesized in hepatocytes and secreted into the plasma. Following thrombin-mediated cleavage of N-terminal fibrinopeptides from the Aα and B β chains, yielding the α and β chains, respectively, fibrinogen assembles into fibrin protofibrils and then mature fibers, which provide structure and viscoelasticity to blood clots. Mutations in FGA, FGB, or FGG have been found in patients with afibrinogenemia or hypofibrinogenemia. Elevated plasma fibrinogen levels are associated with an increased risk of cardiovascular disease.Immune complexes containing citrullinated fibrinogen have been found in patients with anti-citrullinated protein antibody-positive rheumatoid arthritis.
Keywords	FBG;FG;FGA

GENE INFORMATION

UniProt ID	P02671

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