



Rabbit Anti-Human FGb Polyclonal Antibody (CABT-L2024)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Fibrinogen Beta (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against FGb. It has been selected for its ability to recognize FGb in immunohistochemical staining and western blotting.
Target	FGb
Immunogen	Recombinant fragment corresponding to human FGB (Lys29~Gln491)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	The protein encoded by this gene is the beta 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 afibrinogenemia, dysfibrinogenemia, hypodysfibrinogenemia and thrombotic tendency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]
Keywords	FG-B;Fibrinopeptide B

GENE INFORMATION

Gene Name	FGB fibrinogen beta chain [Homo sapiens (human)]
Official Symbol	FGB
Synonyms	FGB; fibrinogen beta chain; HEL-S-78p; fibrinogen, B beta polypeptide; epididymis secretory sperm binding protein Li 78p;
Entrez Gene ID	2244
Protein Refseq	NP_001171670
UniProt ID	P02675
Chromosome Location	4q28
Pathway	Blood Clotting Cascade; Common Pathway; Complement and Coagulation Cascades; Complement and coagulation cascades; Extracellular matrix organization; Formation of Fibrin Clot (Clotting Cascade); GRB2:SOS provides linkage to MAPK signaling for Integrins; Hemostasis;
Function	contributes_to cell adhesion molecule binding; chaperone binding; protein binding; protein binding, bridging; contributes_to receptor binding; structural molecule activity;