

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **FGB RABBIT PAB**

Cat.#: S217450

**Product Name:** Anti-FGB Rabbit Polyclonal Antibody

Synonyms: HEL-S-78p

UNIPROT ID: P02675 (Gene Accession - BC106760)

Background: The protein encoded by this gene is the beta component of fibrinogen, a bloodborne alycoprotein 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. Fibrinogen serves key roles in hemostasis and antimicrobial host defense. Mutations in this gene lead to several disorders, including afibrinogenemia, dysfibrinogenemia,

hypodysfibrinogenemia and thrombotic tendency. [provided by RefSeq, Aug 2020]

Immunogen: Fusion protein of human FGB

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

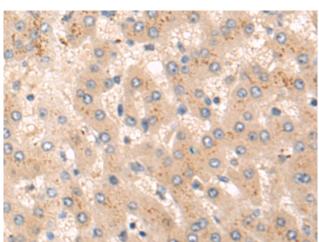
**Research Areas:** Metabolism, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

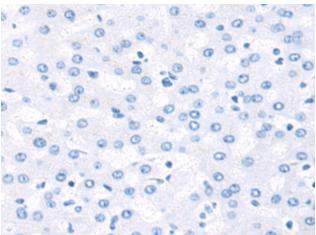


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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217450(FGB Antibody) at a dilution of 1/70(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217450(Anti-FGB Antibody) at dilution 1/70.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Mouse fetal liver tissue lysate; Primary antibody: 217450(FGB Antibody) at dilution 1/1000;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 10 seconds