# FGG Polyclonal Antibody

**catalog number: E-AB-40412**

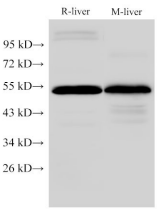
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Recombinant Mouse Fibrinogen gamma chain protein |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Antigen Affinity Purification |
| **Buffer** | PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4 |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:1000-1:3000 |
| **IHC** | 1:100-1:300 |

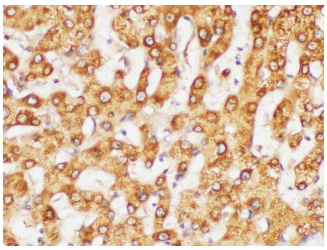
## Data



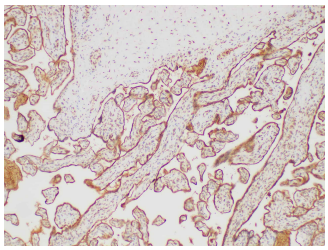

Western Blot analysis of Rat liver and Mouse liver using FGG Polyclonal Antibody at dilution of 1:2000

**Observed-MW:49 kDa**

**Calculated-MW:49 kDa**



Immunohistochemistry of paraffin-embedded Human liver using FGG Polycloanl Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Human placenta using FGG Polycloanl Antibody at dilution of 1:200

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

## Background

The protein encoded by this gene is the gamma 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 dysfibrinogenemia, hypofibrinogenemia and thrombophilia. Alternative splicing results in transcript variants encoding different isoforms.


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