

# FGG Rabbit Polyclonal Antibody



CAB5642

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

52kDa

### Calculated MW:

49kDa/51kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

2266

### Uniprot

P02679

### Synonyms:

FGG

### Immunogen:

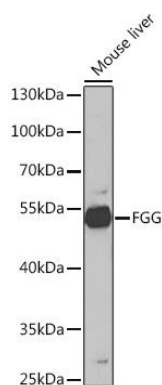
Recombinant fusion protein containing a sequence corresponding to amino acids 50-330 of human FGG (NP\_000500.2).

### Storage:

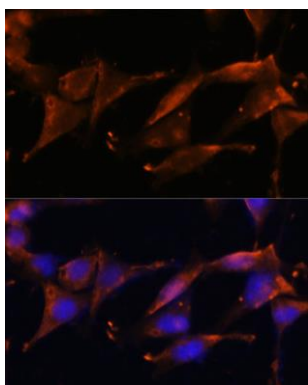
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

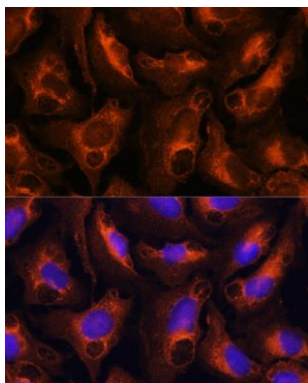
---



Western blot analysis of extracts of Mouse liver, using FGG Rabbit pAb (CAB5642) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020).



Immunofluorescence analysis of NIH/3T3 cells using FGG antibody (CAB5642) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using FGG antibody (CAB5642) at dilution of 1:100. Blue: DAPI for nuclear staining.