

## Rabbit FGG Polyclonal Antibody | anti-FGG antibody

FGG antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS                       |
|-----------|--------|-------------------------------------------------------------------|------------------------------------|
| AAA199422 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Western Blot, Immunohistochemistry |

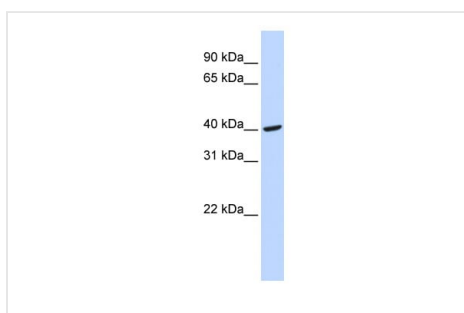
### PRODUCT SYNONYMS

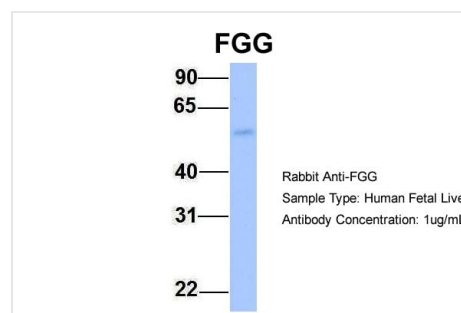
FGG; Polyclonal Antibody; FGG antibody - middle region; anti-FGG antibody

### PRODUCT SPECIFICATIONS

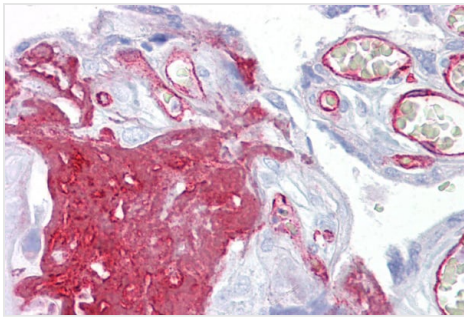
|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Purity/Purification                           | Affinity Purified                                                                                                                                     |
| Form/Format                                   | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                      | Synthetic peptide with the following region: GW TVFQKRLDGS VDFKKNWIQY KEGFGHLSPT GTTEFWLGNE KIHLSITQ                                                  |
| Sequence Length                               | 437                                                                                                                                                   |
| Applicable Applications for anti-FGG antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                      | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 91%                                |
| Immunogen                                     | The immunogen is a synthetic peptide directed towards the middle region of human FGG                                                                  |
| Preparation and Storage                       | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-FGG Antibody Titration: 0.2-1 ug/mL  
ELISA Titer: 1:1562500  
Positive Control: 721\_B cell lysate

**WB (Western Blot)**

Host: Rabbit  
Target Name: FGG  
Sample Type: Human Fetal Liver  
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)  
Immunohistochemistry with Placenta tissue

### ADDITIONAL INFORMATION

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Related Product Information for anti-FGG antibody</b></p> | <p>This is a rabbit polyclonal antibody against FGG. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: FGG 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 its gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia. 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 two transcript variants encoding different isoforms.</p> |
| <p><b>Product Categories/Family for anti-FGG antibody</b></p>   | <p><a href="#">Polyclonal</a>; <a href="#">Signal Proteins</a>; <a href="#">Membrane Protein</a>; <a href="#">Cardiovascular</a>; <a href="#">Disease Related</a>; <a href="#">Immunohistochemistry</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | <a href="#">70906437</a>               |
| NCBI GeneID                      | <a href="#">2266</a>                   |
| NCBI Accession #                 | <a href="#">NP_000500</a>              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000509</a>              |
| UniProt Accession #              | <a href="#">P02679</a>                 |
| Molecular Weight                 | 46kDa                                  |
| NCBI Official Full Name          | fibrinogen gamma chain isoform gamma-A |
| NCBI Official Synonym Full Names | fibrinogen gamma chain                 |
| NCBI Official Symbol             | FGG                                    |
| NCBI Protein Information         | fibrinogen gamma chain                 |
| UniProt Protein Name             | Fibrinogen gamma chain                 |
| UniProt Gene Name                | <b>FGG</b>                             |
| UniProt Entry Name               | FIBG_HUMAN                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

