

## Rabbit Fibrinogen alpha chain (FGA) Polyclonal Antibody | anti-FGA antibody

Fibrinogen alpha chain (FGA) Rabbit pAb

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA281566</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

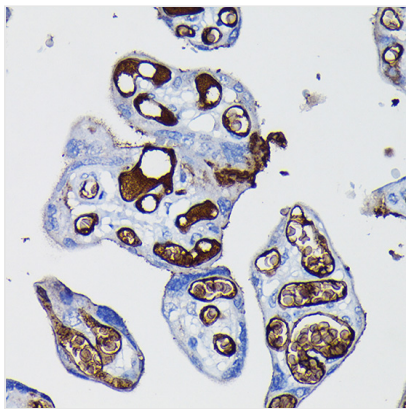
### PRODUCT SYNONYMS

Fibrinogen alpha chain (FGA); Polyclonal Antibody; Fibrinogen alpha chain (FGA) Rabbit pAb; FGA; Fib2; anti-FGA antibody

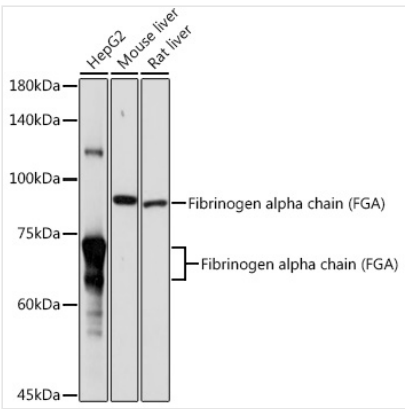
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                               |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                    |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                                           |
| Isotype                                       | IgG                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification                           | Affinity purification                                                                                                                                                                                                                                                                                                                                |
| Form/Format                                   | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                                                                                                                                                                                    |
| Sequence                                      | VERHQSACKD SDWPFCSDDED WNYKCPSGCR MKGLIDEVNQ DFTNRINKLK NSLFYQKNN KDSHSLTTNI<br>MEILRGDFSS ANNRDNTYNR VSEDLRSRIE VLKRKVIEKV QHIQLLQKNV RAQLVDMKRL EVDIDIKIRS<br>CRGSCSRALA REVDLKDYED QQQLEQVIA KDLLPSRDRQ HLPLIKMKPV PDLVPGNFKS QLQKVPPEWK<br>ALTDMPQMRM ELERPGGNEI TRGGSTSYGT GSETESPRNP SSAGSWNSGS SGPGSTGNRN PGSSGTGGTA<br>TWKPGSSGPG STGSWNSGSS |
| Applicable Applications for anti-FGA antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                        |
| Immunogen                                     | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Fibrinogen alpha chain (Fibrinogen alpha chain (FGA))(NP_068657.1).                                                                                                                                                                                                |
| Cellular Location                             | Secreted                                                                                                                                                                                                                                                                                                                                             |
| Positive Samples                              | HepG2, Mouse liver, Rat liver                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                       | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                     |

IMAGES



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of paraffin-embedded human placenta using Fibrinogen alpha chain (Fibrinogen alpha chain (FGA)) Rabbit pAb at dilution of 1:100 (40x lens).



**WB (Western Blot)**  
Western blot analysis of extracts of various cell lines, using Fibrinogen alpha chain (Fibrinogen alpha chain (FGA)) antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FGA antibody | Background: This gene encodes the alpha subunit of the coagulation factor fibrinogen, which is a component of the blood clot. Following vascular injury, the encoded preproprotein is proteolytically processed by thrombin during the conversion of fibrinogen to fibrin. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia, afibrinogenemia and renal amyloidosis. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. |
| Product Categories/Family for anti-FGA antibody   | Cardiovascular; Blood; Coagulation; Research; Cardiovascular; Blood; Serum Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 11761629                                                |
| NCBI GeneID                      | 2243                                                    |
| NCBI Accession #                 | NP_068657.1                                             |
| NCBI GenBank Nucleotide #        | NM_021871.2                                             |
| UniProt Accession #              | P02671; Q4QQH7; Q9BX62; Q9UCH2; A8K3E4; D3DP14; D3DP15  |
| Molecular Weight                 | 94,973 Da                                               |
| NCBI Official Full Name          | fibrinogen alpha chain isoform alpha preproprotein      |
| NCBI Official Synonym Full Names | fibrinogen alpha chain                                  |
| NCBI Official Symbol             | FGA                                                     |
| NCBI Official Synonym Symbols    | Fib2                                                    |
| NCBI Protein Information         | fibrinogen alpha chain; fibrinogen, A alpha polypeptide |
| UniProt Protein Name             | Fibrinogen alpha chain                                  |
| UniProt Gene Name                | FGA                                                     |
| UniProt Entry Name               | FIBA_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.

