

## Rabbit HRG Polyclonal Antibody | anti-HRG antibody

HRG antibody - middle region

|                               |                       |                                    |                                     |
|-------------------------------|-----------------------|------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA198887</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Rabbit</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|------------------------------------|-------------------------------------|

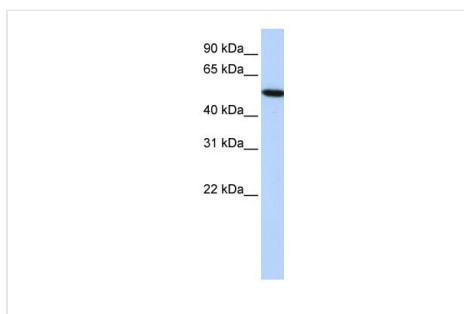
### PRODUCT SYNONYMS

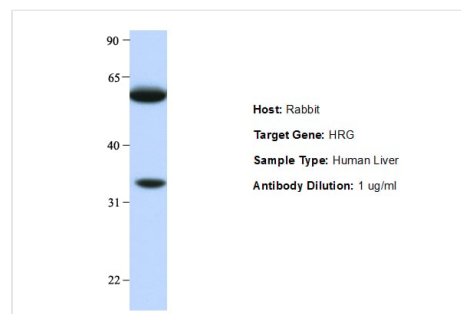
HRG; Polyclonal Antibody; HRG antibody - middle region; anti-HRG antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Human, Rabbit                                                                                                                                         |
| 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: EV LPLPEANFPS FPLPHHKHPL KPDNQPFQSV<br>VSESCPGKFK SGFPQVSM                                               |
| Sequence Length                               | 525                                                                                                                                                   |
| Applicable Applications for anti-HRG antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                      | Human: 100%; Rabbit: 79%                                                                                                                              |
| Immunogen                                     | The immunogen is a synthetic peptide directed towards the middle region of human HRG                                                                  |
| 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-HRG Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:312500  
Positive Control: HepG2 cell lysate

**WB (Western Blot)**

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

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HRG antibody | <p>This is a rabbit polyclonal antibody against HRG. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: This histidine-rich glycoprotein(HRG) contains two cystatin-like domains and is located in plasma and platelets. The physiological function has not been determined but it is known that the protein binds heme, dyes and divalent metal ions. It can inhibit rosette formation and interacts with heparin, thrombospondin and plasminogen. Two of the protein's effects, the inhibition of fibrinolysis and the reduction of inhibition of coagulation, indicate a potential prothrombotic effect. Mutations in this gene lead to thrombophilia due to abnormal histidine-rich glycoprotein levels.This histidine-rich glycoprotein contains two cystatin-like domains and is located in plasma and platelets. The physiological function has not been determined but it is known that the protein binds heme, dyes and divalent metal ions. It can inhibit rosette formation and interacts with heparin, thrombospondin and plasminogen. Two of the protein's effects, the inhibition of fibrinolysis and the reduction of inhibition of coagulation, indicate a potential prothrombotic effect. Mutations in this gene lead to thrombophilia due to abnormal histidine-rich glycoprotein levels. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Product Categories/Family for anti-HRG antibody   | Polyclonal; Signal Proteins; Disease Related                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 4504489                     |
| NCBI GeneID                      | 3273                        |
| NCBI Accession #                 | NP_000403                   |
| NCBI GenBank Nucleotide #        | NM_000412                   |
| UniProt Accession #              | P04196                      |
| Molecular Weight                 | 60kDa                       |
| NCBI Official Full Name          | histidine-rich glycoprotein |
| NCBI Official Synonym Full Names | histidine rich glycoprotein |
| NCBI Official Symbol             | HRG                         |
| NCBI Official Synonym Symbols    | HPRG; HRGP; THPH11          |
| NCBI Protein Information         | histidine-rich glycoprotein |
| UniProt Protein Name             | Histidine-rich glycoprotein |
| UniProt Gene Name                | HRG                         |
| UniProt Synonym Gene Names       | HPRG                        |

**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.