

Rabbit Histidine-rich glycoprotein Polyclonal Antibody | anti-HRG antibody

Anti-HRG Antibody

CATALOG # AAA46054	HOST Rabbit	REACTIVITY Human. No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Histidine-rich glycoprotein; Polyclonal Antibody; Anti-HRG Antibody; DKFZp779H1622 antibody; Histidine proline rich glycoprotein antibody; Histidine rich glycoprotein antibody; HPRG antibody; HRGP antibody; Thrombophilia due to elevated HRG antibody; histidine-rich glycoprotein; anti-HRG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	525
Applicable Applications for anti-HRG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human HRG recombinant protein (Position: V19-V200). Human HRG shares 71% and 69% amino acid (aa) sequences identity with mouse and rat HRG, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



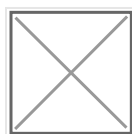
IHC (Immunohistochemistry)

Anti- HRG antibody, AAA46054, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)

Anti- HRG antibody, AAA46054, Western blottingAll lanes: Anti HRG (AAA46054) at 0.5ug/mlWB: Human Placenta Tissue Lysate at 50ugPredicted bind size: 60KDObserved bind size: 60KD



WB (Western Blot)

Anti- HRG antibody, AAA46054, Western blottingAll lanes: Anti HRG (AAA46054) at 0.5ug/mlWB: Recombinant Human HRG Protein 0.5ngPredicted bind size: 40KDObserved bind size: 40KD

ADDITIONAL INFORMATION

Related Product Information for anti-HRG antibody	Description: Rabbit IgG polyclonal antibody for Histidine-rich glycoprotein(HRG) detection. Tested with WB, IHC-P in Human. Background: Histidine-rich glycoprotein (HRG) is a protein that in humans is encoded by the HRG gene. It is mapped to 3q27.3. HRG contains two cystatin-like domains and is located in plasma and platelets. The protein can bind heme, dyes and divalent metal ions. It also 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. HRG is thought to have multiple roles as a protein in the human blood, including roles in immunity, angiogenesis and coagulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504489
NCBI GeneID	3273
NCBI Accession #	NP_000403.1
NCBI GenBank Nucleotide #	NM_000412.3
UniProt Accession #	P04196; B9EK35; D3DNU7
Molecular Weight	59,578 Da
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; histidine-proline-rich glycoprotein
UniProt Protein Name	Histidine-rich glycoprotein
UniProt Gene Name	HRG
UniProt Synonym Gene Names	HPRG
UniProt Entry Name	HRG_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histidine-rich-glycoprotein-antibody-immunohistochemistry-western-blot-elisa/46054>