

HRG Rabbit pAb

CatalogNo: YN1954

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 57kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity HRG Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name HRG

Protein Name Histidine-rich glycoprotein (Histidine-proline-rich glycoprotein) (HPRG)

Organism	Gene ID	UniProt ID
Human	3273 ;	P04196 ;
Mouse		Q9ESB3 ;
Rat		Q99PS8 ;

Cellular Localization Secreted .

Tissue specificity Expressed in macrophages and in malignant cells. Expressed by the liver and secreted in plasma (at protein level).

Function Domain:In addition to having a high His and Pro content, this protein has many internal repeats. 12 tandem repetitions of a 5-residue sequence (GHHPH, consensus) form a histidine-rich region.,Function:The physiological function is not yet known. It binds heme, dyes and divalent metal ions. It can inhibit rosette formation and is known to interact with heparin, thrombospondin, and the lysine-binding site of plasminogen. On the basis of its homology with HMW kininogen, the His-rich region of this protein may mediate the contact activation phase of intrinsic blood coagulation cascade.,similarity:Contains 2 cystatin domains.,tissue specificity:Expressed by the liver and secreted in plasma.,

Validation Data

Contact information

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HRG Rabbit pAb

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