

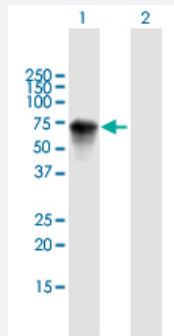
MaxPab®

HRG purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003273-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HRG expression in transfected 293T cell line ([H00003273-T01](#)) by HRG MaxPab polyclonal antibody.

Lane 1: HRG transfected lysate(57.75 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HRG protein.
Immunogen	HRG (NP_000403, 1 a.a. ~ 525 a.a) full-length human protein.
Sequence	MKALIAALLLITLQYSCAVSPTDCSAVEPEAEKALDLINKRRRDGYLFQLLRIADAHLDRENTTVYY LVLDVQESDCSVLSRKYWNDCEPPDSRRPSEMIGQCKVIATRHSSESQDLRIDFNCTTSSVSS ALANTKDSPVLIDFFEDTERYRKQANKALEKYKEENDDFASFRVDRIERVARVRGGEGTGYFVDF SVRNCPRHHFPRHPNVFGFCRADLFYDVEALDLESPKNLVINCEVFDPQEHENINGVPPHLGHFP HWGGHERSSTTKPPFKPHGSRDHHHPHKPHEHGPPPPPPDERDHSHPPLPQGPPPLPMSCS SCQHATFGTNGAQRHSHNNSSDLHPHKHHSHEQHPHGHHHPAHHPHEHDTHRQHPHGHHHPH GHHPHGHHHPHGHHHPGHHPCHDFQDYGPCDPPPHNQGHCCGHGPPPGHLRRRGPGKGPR PFHCRQIGSVYRLPPLRKGEVLPLPEANFSPFLPHHKHPLKPDNQPFQSVSESCPGKFKSGF PQVSMFFTHTFPK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — HRG

Entrez GeneID [3273](#)

GeneBank Accession# [NM_000412](#)

Protein Accession# [NP_000403](#)

Gene Name HRG

Gene Alias DKFZp779H1622, HPRG, HRGP

Gene Description histidine-rich glycoprotein

Omim ID [142640](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations histidine-proline rich glycoprotein|thrombophilia due to elevated HRG

Publication Reference

- [Histidine-rich glycoprotein uptake and turnover is mediated by mononuclear phagocytes.](#)

Tugues S, Roche F, Noguer O, Orlova A, Bhoi S, Padhan N, Akerud P, Honjo S, Selvaraju RK, Mazzone M, Tolmachev V, Claesson-Welsh L.

PLoS One 2014 Sep; 9(9):e107483.

Application: ELISA, Human, Plasma

- [Prediction of preeclampsia by combining serum histidine-rich glycoprotein and uterine artery Doppler.](#)

Bolin M, Wikström AK, Wiberg-Itzel E, Olsson AK, Ringvall M, Sundström-Poromaa I, Axelsson O, Thilaganathan B, Åkerud H.

American Journal of Hypertension 2012 Dec; 25(12):1305.

Application: ELISA, Human, Plasma from patients with preterm preeclampsia

- [Histidine-Rich Glycoprotein as an Early Biomarker of Preeclampsia.](#)

Bolin M, Akerud P, Hansson A, Akerud H.

American Journal of Hypertension 2011 Apr; 24(4):496.

Application: ELISA, Human, Plasma

- [The Presence of Histidine-Rich Glycoprotein in the Female Reproductive Tract and in Embryos.](#)

Nordqvist S, Karehed K, Hambiliki F, Wanggren K, Stavreus-Evers A, Akerud H.

Reproductive Sciences (Thousand Oaks, Calif.) 2010 Jul; 17(10):941.

Application: ELISA, Human, Human preimplantation embryos

Disease

- [Blood Coagulation Disorders](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Thrombosis](#)