

Rabbit anti-Human HBG1/HBG2 Polyclonal Antibody | anti-HBG1/HBG2 antibody

HBG1/HBG2 Polyclonal Antibody

CATALOG # AAA176434	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HBG1/HBG2; Polyclonal Antibody; HBG1/HBG2 Polyclonal Antibody; A gamma globin; G gamma globin; Gamma 1 globin; Gamma 2 globin; Gamma A hemoglobin; Gamma globin; Hb F Agamma; Hb F Ggamma; Hbfagamma; Hbfggamma; HBG 1; HBG 2; HBG1; HBG2; HBGA; HBGR; Hemoglobin gamma 1 chain; Hemoglobin gamma 2 chain; Hemoglobin gamma A; Hemoglobin gamma A chain; Hemoglobin gamma G; Hemoglobin gamma G chain; Hemoglobin gamma regulator of; Hemoglobin subunit gamma 1; Hemoglobin subunit gamma 2; HSGGL 1; HSGGL1; Methemoglobin; PRO 2979; PRO2979; anti-HBG1/HBG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.84mg/mL (varies by lot)
Sequence Length	147
Applicable Applications for anti-HBG1/HBG2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human HBG1/HBG2
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



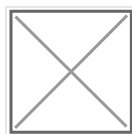
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using HBG1:HBG2 Polyclonal Antibody at dilution of 1:100(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using HBG1:HBG2 Polyclonal Antibody at dilution of 1:100(×200)



WB (Western Blot)

Western blot analysis of Human plasma solution using HBG1:HBG2 Polyclonal Antibody at dilution of 1:350

ADDITIONAL INFORMATION

Related Product Information for anti-HBG1/HBG2 antibody	The gamma globin genes (HBG1 and HBG2) are normally expressed in the fetal liver, spleen and bone marrow. Two gamma chains together with two alpha chains constitute fetal hemoglobin (HbF) which is normally replaced by adult hemoglobin (HbA) at birth. In some beta-thalassemias and related conditions, gamma chain production continues into adulthood. The two types of gamma chains differ at residue 136 where glycine is found in the G-gamma product (HBG2) and alanine is found in the A-gamma product (HBG1). The former is predominant at birth. The order of the genes in the beta-globin cluster is: 5'-epsilon -- gamma-G -- gamma-A -- delta -- beta--3'.
Product Categories/Family for anti-HBG1/HBG2 antibody	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	28302131
NCBI GeneID	3047
NCBI Accession #	NP_000550.2; BC010914
NCBI GenBank Nucleotide #	NP_000550.2
UniProt Accession #	P69891; P69892
Molecular Weight	16 kDa
NCBI Official Full Name	hemoglobin subunit gamma-1
NCBI Official Synonym Full Names	hemoglobin subunit gamma 1
NCBI Official Symbol	HBG1
NCBI Official Synonym Symbols	HBGA; HBGR; HBG-T2; HSGGL1; PRO2979
NCBI Protein Information	hemoglobin subunit gamma-1
UniProt Protein Name	Hemoglobin subunit gamma-1
UniProt Gene Name	HBG1
UniProt Entry Name	HBG1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hbg1-hbg2-antibody-immunohistochemistry-western-blot-elisa/176434>