

Rabbit HBG1 Polyclonal Antibody | anti-HBG1 antibody

HBG1 Polyclonal Antibody

CATALOG # AAA281242	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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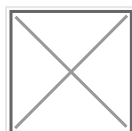
PRODUCT SYNONYMS

HBG1; Polyclonal Antibody; HBG1 Polyclonal Antibody; HBG-T2; HBGA; HBGR; HSGGL1; PRO2979; anti-HBG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	147
Applicable Applications for anti-HBG1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	synthetic peptide corresponding to a sequence within amino acids 1-100 of human HBG1 (NP_000550.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HBG1 Rabbit pAb (AAA281242) at 1:1000 dilution. Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-HBG1 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 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	28302131
NCBI GeneID	3047
NCBI Accession #	NP_000550.2
NCBI GenBank Nucleotide #	NM_000559.2
UniProt Accession #	P69891; P02096; P62027; Q549G1; Q8TDA1; Q96FH7
Molecular Weight	Observed MW: 12KDa Calculated MW: 16kDa
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

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/hbg1-antibody-immunohistochemistry-western-blot-elisa/281242>