

HBG1

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 16kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human HBG1

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HBGA; HBGR; HBG-T2; HSGGL1; PRO2979

Catalog #: A9402

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3047

Isotype: IgG

Swiss Prot: P69891

Purity: Affinity purification

For research use only.

Background:

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'.

To place an order, please [Click HERE](#).