

For Research Use Only

HBG2 Polyclonal antibody

Catalog Number: 31753-1-AP



Basic Information

Catalog Number:

31753-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36028

GenBank Accession Number:

BC029387

GeneID (NCBI):

3048

UNIPROT ID:

P69892

Full Name:

hemoglobin, gamma G

Calculated MW:

16 kDa

Observed MW:

14~16 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, TF-1 cells

Background Information

The gamma globin genes (HBG2, encoding Gγ-globin; HBG1 encoding Aγ-globin) 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. Gamma chain production continues into adulthood in some beta-thalassemias and related conditions.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

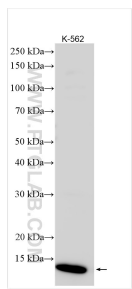
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31753-1-AP (HBG2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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