

#### **HBG2 Antibody (C-term)**

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20582c

### **Specification**

#### **HBG2 Antibody (C-term) - Product Information**

Application IHC-P, FC, WB,E

Primary Accession P69892
Other Accession P69891

Reactivity Human, Mouse

Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Antigen Region 101-133

### **HBG2 Antibody (C-term) - Additional Information**

#### **Gene ID 3048**

#### **Other Names**

Hemoglobin subunit gamma-2, Gamma-2-globin, Hb F Ggamma, Hemoglobin gamma-2 chain, Hemoglobin gamma-G chain, HBG2

#### Target/Specificity

This HBG2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 101-133 amino acids from the C-terminal region of human HBG2.

## **Dilution**

IHC-P~~1:25 FC~~1:25 WB~~1:1000

E~~Use at an assay dependent concentration.

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

### **Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

HBG2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### **HBG2 Antibody (C-term) - Protein Information**

### Name HBG2



Function Gamma chains make up the fetal hemoglobin F, in combination with alpha chains.

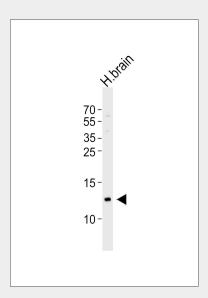
**Tissue Location** Red blood cells.

### **HBG2 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

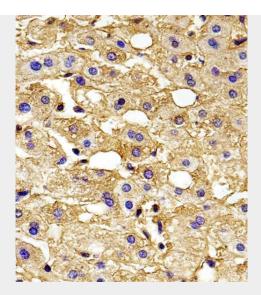
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **HBG2 Antibody (C-term) - Images**

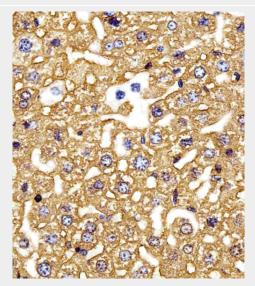


Western blot analysis of lysates from human brain tissue lysate, using HBG2 Antibody (C-term) (Cat. #AP20582c). AP20582c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

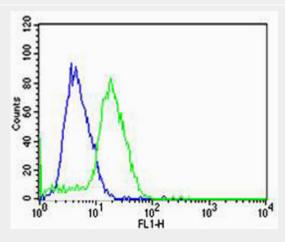


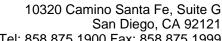


Immunohistochemical analysis of paraffin-embedded H. liver section using HBG2 Antibody (C-term)(Cat#AP20582c). AP20582c was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded M. liver section using HBG2 Antibody (C-term)(Cat#AP20582c). AP20582c was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.







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Flow cytometric analysis of U-87 MG cells using HBG2 Antibody (C-term)(green, Cat#AP20582c) compared to an isotype control of rabbit IgG(blue). AP20582c was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

# HBG2 Antibody (C-term) - Background

Gamma chains make up the fetal hemoglobin F, in combination with alpha chains.

# **HBG2 Antibody (C-term) - References**

Slightom J.L., et al. Cell 21:627-638(1980). Cavallesco C., et al. Gene 12:215-221(1980). Kutlar F., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Ota T., et al. Nat. Genet. 36:40-45(2004). Schroeder W.A., et al. Biochemistry 2:992-1008(1963).