

**HBG2 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20600c**

**Specification**

---

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

Application	<b>WB, IHC-P, FC,E</b>
Primary Accession	<a href="#">P69892</a>
Other Accession	<a href="#">P69891</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>

**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**

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

**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.

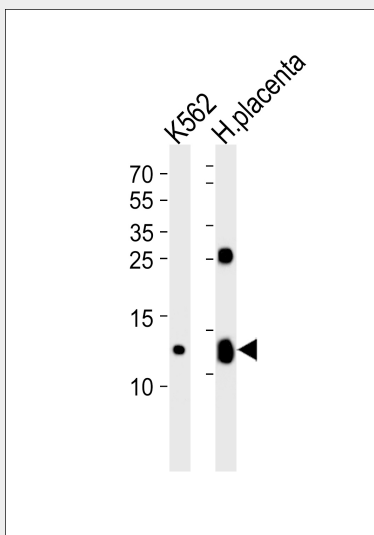
**Tissue Location**

Red blood cells.

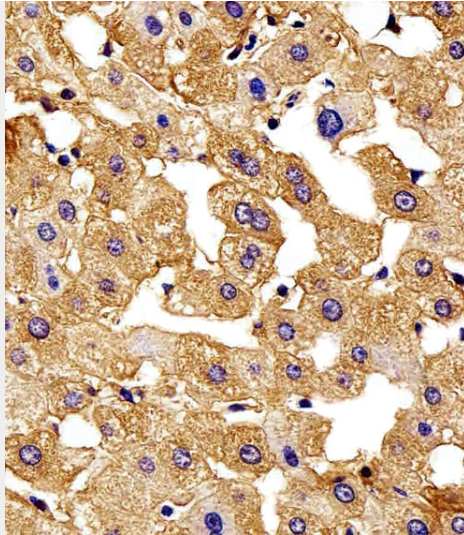
**HBG2 Antibody (C-term) - Protocols**

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

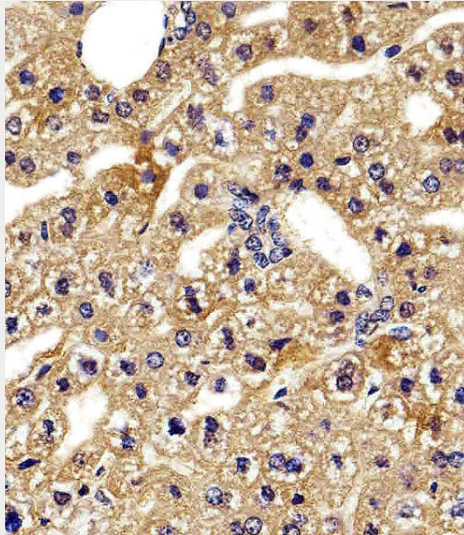
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

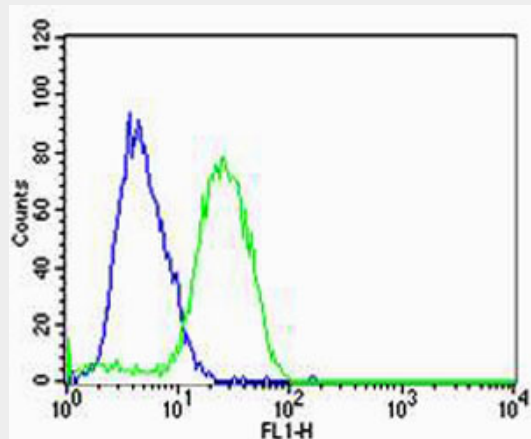
Western blot analysis of lysates from K562 cell line and human placenta tissue lysate (from left to right), using HBG2 Antibody (C-term)(Cat. # AP20600c). AP20600c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35µg per lane.



Immunohistochemical analysis of paraffin-embedded H. liver section using HBG2 Antibody (C-term)(Cat#AP8074c). AP8074c 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#AP20600c). AP20600c 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.



Flow cytometric analysis of U-87 MG cells using HBG2 Antibody (C-term)(green, Cat#AP20600c) compared to an isotype control of rabbit IgG(blue). AP20600c 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).