

Rabbit anti-Human, mouse HBG2 Polyclonal Antibody | anti-HBG2 antibody

HBG2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284543	Rabbit	Human, mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

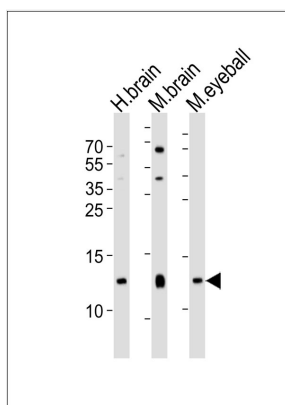
PRODUCT SYNONYMS

HBG2; Polyclonal Antibody; HBG2 Antibody (C-term); Hemoglobin subunit gamma-2; Gamma-2-globin; Hb F Ggamma; Hemoglobin gamma-2 chain; Hemoglobin gamma-G chain; anti-HBG2 antibody

PRODUCT SPECIFICATIONS

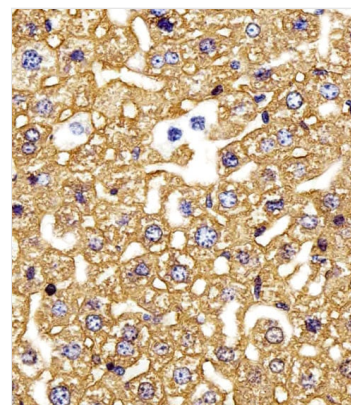
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This HBG2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 101-133 amino acids from the C-terminal region of human HBG2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Length	147
Applicable Applications for anti-HBG2 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Tissue Location	Red blood cells
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



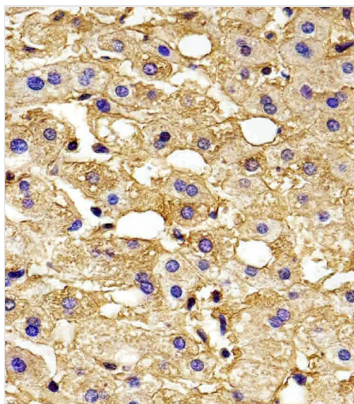
WB (Western Blot)

Western blot analysis of lysates from human brain, mouse brain and eyeball tissue lysate (from left to right), using HBG2 Antibody (C-term). AAA284543 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.



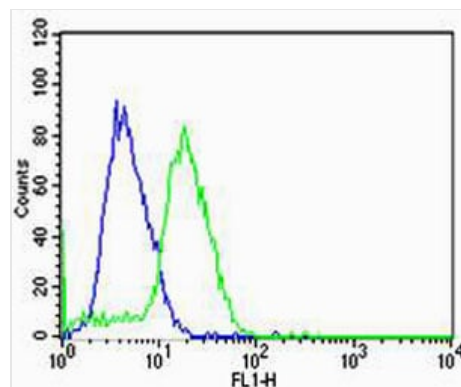
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded M. liver section using HBG2 Antibody (C-term). AAA284543 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.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. liver section using HBG2 Antibody (C-term). AAA284543 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.



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of U-87 MG cells using HBG2 Antibody (C-term)(green) compared to an isotype control of rabbit IgG(blue). AAA284543 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HBG2 antibody	Gamma chains make up the fetal hemoglobin F, in combination with alpha chains.
Product Categories/Family for anti-HBG2 antibody	Crown Antibodies ; Cardiovascular ; Cell Biology
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6715607
NCBI GeneID	3048
NCBI Accession #	NP_000175.1
NCBI GenBank Nucleotide #	NM_000184.2
UniProt Accession #	P69892; P02096; P62027; Q14491; Q68NH9; Q96FH6; Q96FH7; A8MZE0
NCBI Official Full Name	hemoglobin subunit gamma-2
NCBI Official Synonym Full Names	hemoglobin, gamma G
NCBI Official Symbol	HBG2
NCBI Official Synonym Symbols	TNCY; HBG-T1
NCBI Protein Information	hemoglobin subunit gamma-2
UniProt Protein Name	Hemoglobin subunit gamma-2
UniProt Gene Name	HBG2
UniProt Entry Name	HBG2_HUMAN

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.