

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

HBG2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234957	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

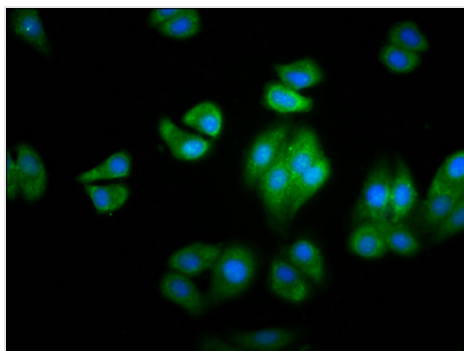
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

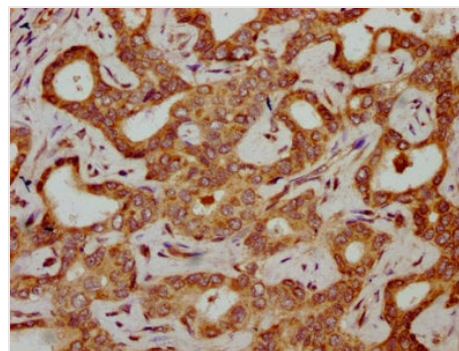
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	147
Applicable Applications for anti-HBG2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Hemoglobin subunit gamma-2 protein (2-147AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234957 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234957 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

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	Cardiovascular

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
Molecular Weight	16,126 Da
NCBI Official Full Name	hemoglobin subunit gamma-2
NCBI Official Synonym Full Names	hemoglobin subunit gamma 2
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hbg2-antibody-immunofluorescence-immunohistochemistry-elisa/234957>