

Rabbit HBG2 Polyclonal Antibody | anti-HBG2 antibody

HBG2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201303	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot

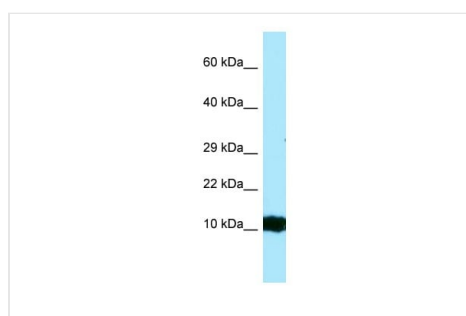
PRODUCT SYNONYMS

HBG2; Polyclonal Antibody; HBG2 antibody - middle region; anti-HBG2 antibody

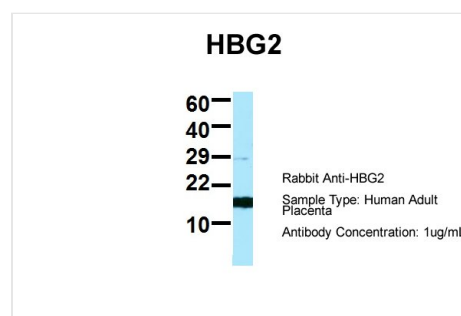
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MG NPKVKAHGKK VLTSLGDAIK HLDDLKGTFA QLSELHCDKL HVDPENFK
Sequence Length	147
Applicable Applications for anti-HBG2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 77%; Goat: 100%; Guinea Pig: 77%; Horse: 77%; Human: 100%; Mouse: 83%; Pig: 93%; Rabbit: 75%; Rat: 83%; Sheep: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

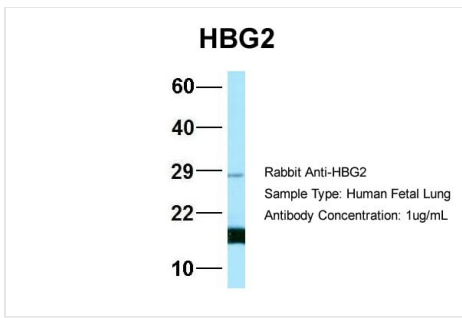
IMAGES


WB (Western Blot)

WB Suggested Anti-HBG2 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Kidney

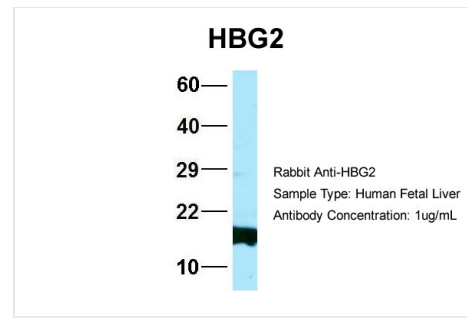

WB (Western Blot)

Host: Rabbit Target Name: SERPINA3 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit Target Name: NSUN6 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit Target Name: FAM46C Sample Type: Human Fetal Liver Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-HBG2 antibody	This is a rabbit polyclonal antibody against HBG2. It was validated on Western Blot Target Description: The gamma globin genes (HBG1 and HBG2) 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. In some beta-thalassemias and related conditions, gamma chain production continues into adulthood. The two types of gamma chains differ at residue 136 where glycine is found in the G-gamma product (HBG2) and alanine is found in the A-gamma product (HBG1). The former is predominant at birth. The order of the genes in the beta-globin cluster is: 5'- epsilon -- gamma-G -- gamma-A -- delta -- beta--3'.
Product Categories/Family for anti-HBG2 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	6715607
NCBI GeneID	3048
NCBI Accession #	NP_000175
NCBI GenBank Nucleotide #	NM_000184
UniProt Accession #	P69892
Molecular Weight	16kDa
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
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.