

Rabbit Hemoglobin (HB) Polyclonal Antibody | anti-HB antibody

Polyclonal Antibody to Hemoglobin (HB)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21251	Rabbit	Human, Bovine	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

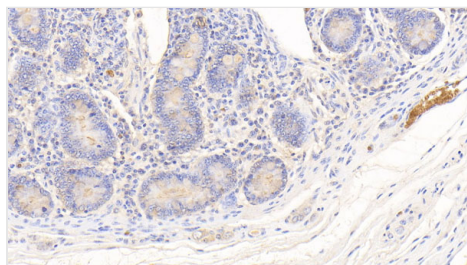
PRODUCT SYNONYMS

Hemoglobin (HB); Polyclonal Antibody; Polyclonal Antibody to Hemoglobin (HB); Hemoglobin; Hgb; Haemoglobin; Heterotetramer(alpha β)₂; anti-HB antibody

PRODUCT SPECIFICATIONS

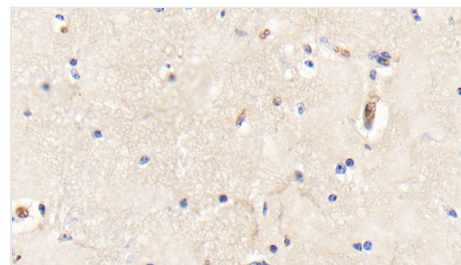
Host	Rabbit
Reactivity	Human, Bovine
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against HB. It has been selected for its ability to recognize HB in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	0.5mg/mL (varies by lot)
Applicable Applications for anti-HB antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	WB: 0.5-2ug/mL IHC: 5-20ug/mL ICC: 5-20ug/mL
Immunogen	Native Hemoglobin (HB)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



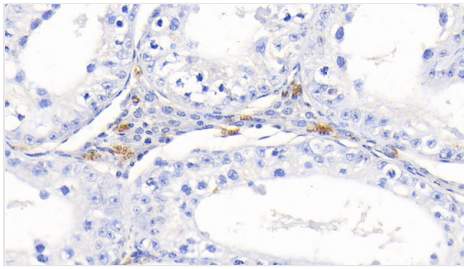
IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Bovine Colon Tissue; Primary Ab: 20ug/ml Rabbit Anti-Bovine HB Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



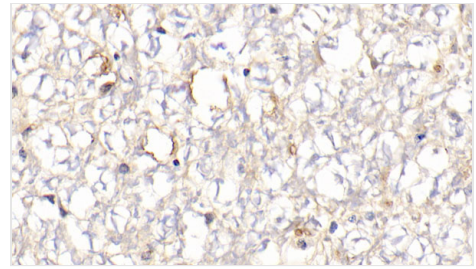
IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Bovine Cerebellum Tissue; Primary Ab: 20ug/ml Rabbit Anti-Bovine HB Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



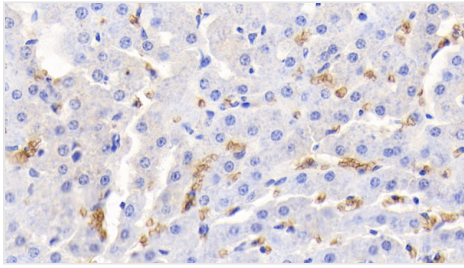
IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Bovine Testis Tissue; Primary Ab: 20ug/ml Rabbit Anti-Bovine HB Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



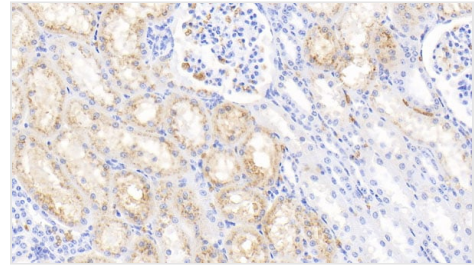
IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Bovine Spinal cord Tissue; Primary Ab: 20ug/ml Rabbit Anti-Bovine HB Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Bovine Liver Tissue; Primary Ab: 20ug/ml Rabbit Anti-Bovine HB Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Bovine Kidney Tissue; Primary Ab: 20ug/ml Rabbit Anti-Bovine HB Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-HB antibody

Polyclonal Antibodies (Primary Abs); Polyclonal antibodies; Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	116812902
NCBI GeneID	512439
NCBI Accession #	NP_001070890.2
NCBI GenBank Nucleotide #	NM_001077422.3
UniProt Accession #	P01966; P02070
Molecular Weight	15,184 Da
NCBI Official Full Name	hemoglobin subunit alpha
NCBI Official Synonym Full Names	hemoglobin, alpha 2<
NCBI Official Symbol	HBA
NCBI Official Synonym Symbols	HBA2; alpha globin
NCBI Protein Information	hemoglobin subunit alpha; alpha-globin; hemoglobin alpha chain
UniProt Protein Name	Hemoglobin subunit alpha
UniProt Gene Name	HBA
UniProt Entry Name	HBA_BOVIN

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.

