

Rabbit Hemoglobin Subunit alpha Monoclonal Antibody | anti-HBA2 antibody

Hemoglobin Subunit alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312308	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Hemoglobin Subunit alpha; Monoclonal Antibody; Hemoglobin Subunit alpha Antibody; Alpha 1 globin antibody; Alpha globin antibody; Alpha one globin antibody; Alpha-globin antibody; HBA_HUMAN antibody; HBA1 antibody; HBA2 antibody; Hemoglobin alpha 1 antibody; Hemoglobin alpha 1 chain antibody; Hemoglobin alpha 1 globin chain antibody; Hemoglobin alpha 2 antibody; Hemoglobin alpha chain antibody; Hemoglobin subunit alpha antibody; MGC126895 antibody; MGC126897 antibody; anti-HBA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SN70-09
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-HBA2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse embryo tissue using anti-Hemoglobin subunit alpha antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Hemoglobin subunit alpha antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-Hemoglobin subunit alpha antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-HBA2 antibody	Hemoglobin (Hgb) is coupled to four iron-binding, methene-linked tetrapyrrole rings (heme). The α (16p13.3; 5'- α -pseudo α -pseudo α 2-pseudo α 1- α 2- α 1-1-3') and beta (11p15.5) globin loci determine the basic hemoglobin structure. The globin portion of hemoglobin consists of two α chains and two beta chains arranged in pairs forming a tetramer. Each of the four globin chains covalently associates with a heme group. The bonds between α and beta chains are weaker than between similar globin chains, thereby forming a cleavage plane that is important for oxygen binding and release. High affinity for oxygen occurs upon relaxation of the α 1-beta2 cleavage plane. When the two α 1-beta2 interfaces are closely bound, hemoglobin has a low affinity for oxygen. Hb A, which contains two α chains plus two beta chains, comprises 97% of total circulating hemoglobin. The remaining 3% of total circulating hemoglobin is comprised of Hb A-2, which consists of two α chains plus two α chains, and fetal hemoglobin (Hb F), which consists of two α chains together with two α chains.
Product Categories/Family for anti-HBA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	57013850
NCBI GeneID	3040
UniProt Accession #	P69905; P01922; Q1HDT5; Q3MIF5; Q53F97; Q96KF1; Q9NYR7; Q9UCM0
Molecular Weight	15,258 Da
NCBI Official Full Name	Hemoglobin subunit alpha
NCBI Official Synonym Full Names	hemoglobin, alpha 2
NCBI Official Symbol	HBA2
NCBI Official Synonym Symbols	HBH; HBA-T2
NCBI Protein Information	hemoglobin subunit alpha; alpha globin; alpha-globin; alpha-2 globin; hemoglobin alpha chain
UniProt Protein Name	Hemoglobin subunit alpha
UniProt Gene Name	HBA1
UniProt Entry Name	HBA_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hemoglobin-subunit-alpha-antibody-clone-sn70-09-immunoprecipitation-immunohistochemistry-western-blot-elisa/312308>