

Rabbit anti-Human HBA2/Hemoglobin Alpha 2 Polyclonal Antibody | anti-HBA2 antibody

HBA2/Hemoglobin Alpha 2 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163002	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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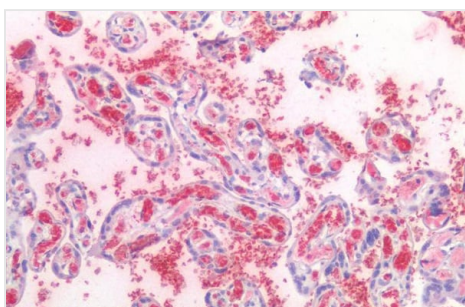
PRODUCT SYNONYMS

HBA2/Hemoglobin Alpha 2; Polyclonal Antibody; HBA2/Hemoglobin Alpha 2 Rabbit anti-Human Polyclonal Antibody; PathPlus HBA2/Hemoglobin Alpha 2 Antibody; HBA2; Alpha globin; Alpha-2 globin; HBH; Hemoglobin alpha chain; Hemoglobin A1c; Hemoglobin subunit alpha; Hemoglobin; alpha 2; Alpha-globin; anti-HBA2 antibody

PRODUCT SPECIFICATIONS

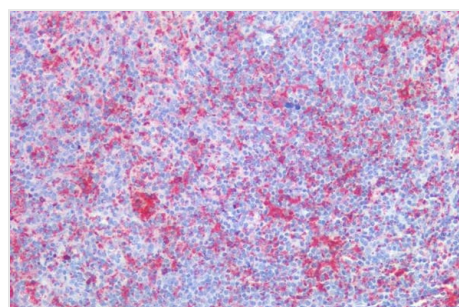
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HBA2 antibody	IHC (Immunohistochemistry)
Target	Human HBA2/Hemoglobin Alpha 2
Immunogen	LP-10955, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

HBA2/Hemoglobin Alpha 2 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

HBA2/Hemoglobin Alpha 2 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-HBA2 antibody	Hemoglobin Alpha 2 antibody is an unconjugated rabbit polyclonal antibody to Hemoglobin Alpha 2 (HBA2) from human. Validated for IHC. The HBA2 (Hemoglobin, alpha 2) gene represents the alpha globin chain of hemoglobin. Deletions in HBA2 are associated with alpha-thalassemia, a blood disorder where abnormal hemoglobin production can lead to anemia, bone problems and stunted growth. Thalassemia syndromes are classified by which and how many of the alpha and beta globins are missing. HBA2 may also be useful for subtyping breast cancers in immunohistochemistry; it has been found to be overexpressed in HER2+, ER-/PR- tumors and downregulated in triple-negative (ER-/PR-/HER2-) tumors. Immunohistochemistry of HBA2 in normal tissue shows positivity in erythrocytes and bone marrow.
References	Scientific Reports. 2016. 6 (35773): 35773, DOI: 10.1038/srep35773

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504345
NCBI GeneID	3040
NCBI Accession #	NP_000508.1
NCBI GenBank Nucleotide #	NM_000517
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-2 globin; alpha-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/polyclonal/hba2-hemoglobin-alpha-2-antibody-immunohistochemistry-elisa/163002>