

Rabbit HBA2 Polyclonal Antibody | anti-HBA2 antibody

HBA2 Rabbit Polyclonal Antibody

CATALOG # AAA314171	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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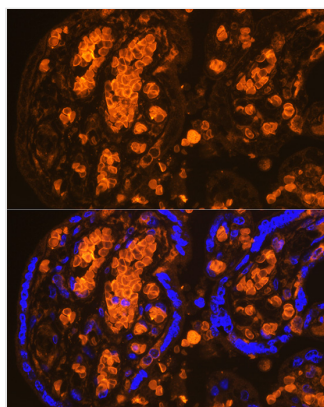
PRODUCT SYNONYMS

HBA2; Polyclonal Antibody; HBA2 Rabbit Polyclonal Antibody; HBA-T2; HBH; anti-HBA2 antibody

PRODUCT SPECIFICATIONS

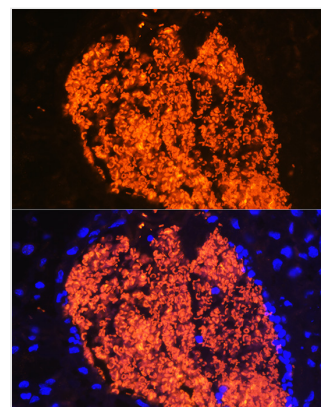
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-HBA2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human HBA2 (NP_000508.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



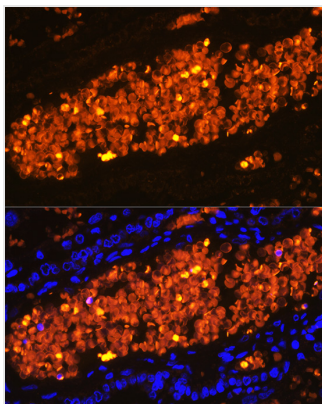
IF (Immunofluorescence)

Immunofluorescence analysis of Human placenta using HBA2 antibody.



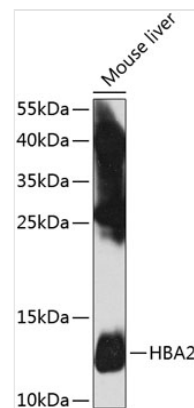
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse placenta using HBA2 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of Rat placenta using HBA2 antibody.



WB (Western Blot)

Western blot analysis of extracts of mouse liver, using HBA2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HBA2 antibody

The human alpha globin gene cluster located on chromosome 16 spans about 30 kb and includes seven loci: 5'-zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta - 3'. The alpha-2 (HBA2) and alpha-1 (HBA1) coding sequences are identical. These genes differ slightly over the 5' untranslated regions and the introns, but they differ significantly over the 3' untranslated regions. Two alpha chains plus two beta chains constitute HbA, which in normal adult life comprises about 97% of the total hemoglobin; alpha chains combine with delta chains to constitute HbA-2, which with HbF (fetal hemoglobin) makes up the remaining 3% of adult hemoglobin. Alpha thalassemias result from deletions of each of the alpha genes as well as deletions of both HBA2 and HBA1; some nondeletion alpha thalassemias have also been reported.

Product Categories/Family for anti-HBA2 antibody

Primary Antibody

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hba2-antibody-immunofluorescence-western-blot-elisa/314171>