

Datasheet for ABIN7091200 **anti-HBA1 antibody**



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Overview

Quantity:	100 µL
Target:	HBA1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HBA1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HBA1
Clone:	H8D6
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	HBA1
Alternative Name:	HBA1 (HBA1 Products)
Background:	Synonyms: Alpha 1 globin, Alpha globin, Alpha one globin, Alpha-globin, HBA_HUMAN, HBA2, Hemoglobin alpha 1, Hemoglobin alpha 1 chain, Hemoglobin alpha 1 globin chain, Hemoglobin

Target Details

alpha 2, Hemoglobin alpha chain, Hemoglobin subunit alpha, MGC126895, MGC12689.

Background: 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. [provided by RefSeq, Jul 2008]

Gene ID: 3039

UniProt: [P69905](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months