

MaxPab®

HBA1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003039-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HBA1 protein.
Immunogen	HBA1 (ABM82687.1, 1 a.a. ~ 142 a.a) full-length human protein.
Sequence	MVLSPADKTNVKAAWGKVGAHAGEYGAEALERMFLSFPTTKTYFPHFDLSHGSAQVKGHGKKV ADALTNAVAHVDDMPNALSALSDLHAHKLRVDPVNFKLLSHCLLVTLAAHLPAEFTPAVHASLDK FLASVSTVLTSKYR
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — HBA1

Entrez GeneID	3039
GeneBank Accession#	DQ891761.2
Protein Accession#	ABM82687.1

Gene Name	HBA1
Gene Alias	HBH, HBA-T3
Gene Description	hemoglobin, alpha 1
Omim ID	141800
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	alpha 1 globin alpha one globin alpha-1 globin alpha-1-globin hemoglobin alpha 1 globin chain hemoglobin alpha-1 chain

Disease

- [Abortion](#)
- [Albuminuria](#)
- [alpha-Thalassemia](#)
- [Anemia](#)
- [beta-Thalassemia](#)
- [Dyslipidemias](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glucosephosphate Dehydrogenase Deficiency](#)
- [Hemolysis](#)
- [Hypertension](#)
- [Iron Overload](#)
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- [Stroke](#)
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