

HBA Polyclonal Antibody

Cat No: HR1AP12372

For research use only

Overview

Product Name	HBA Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	15kDa
GeneID?Human?	HBA1; HBA2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>hemoglobin subunit alpha 1(HBA1) Homo sapiens The human alpha globin gene cluster located on chromosome 16 spans about 30 kb and includes seven loci: 5'&#x2013; zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta - 3'&#x2013;. The alpha-2 (HBA2) and alpha-1 (HBA1) coding sequences are identical. These genes differ slightly over the 5'&#x2013; untranslated regions and the introns, but they differ significantly over the 3'&#x2013; 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],</p>