

DNAxPAb

Hard-to-Find
Antibody

HBA2 DNAxPAb

Catalog # H00003040-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HBA2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVLSPADKTNVKAAWGKVGAGHAGEYGAEALERMFLSFPTTKTYFPHFDLSHGSAQVKGHGKKVADALTNAVAHVDDMPNALSALSDLHAHKLRVDPVNFKLLSHCLLVTLAAHLPAEFTPAVHASLDKFLASVSTVLTSKYR
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HBA2

Entrez GeneID [3040](#)

GeneBank Accession# [NM_000517.3](#)

Protein Accession# [NP_000508.1](#)

Gene Name HBA2

Gene Alias -

Gene Description hemoglobin, alpha 2

Omim ID [141850](#)

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 2 globin|alpha globin|alpha-2 globin

Disease

- [alpha-Thalassemia](#)
- [beta-Thalassemia](#)
- [Pregnancy Complications](#)
- [Thalassemia](#)