



Rabbit Anti-HBZ antibody

SL9883R

Product Name:	HBZ
Chinese Name:	血红蛋白ζ链/Hemoglobin ζ 抗体
Alias:	HBAZ; HBAZ_HUMAN; HBZ 2; HBZ; HBZ2; Hemoglobin subunit zeta; Hemoglobin zeta; Hemoglobin zeta chain; Zeta globin; Zeta-globin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Rat,Dog,Pig,Goose,Chimpanzee,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	16kDa
Cellular localization:	cytoplasmicExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Hemoglobin zeta:41-140/142
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Zeta-globin is an alpha-like hemoglobin. The zeta-globin polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult life. The zeta-globin gene is a member of the human alpha-globin gene cluster that includes five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 -alpha-1 - theta1 - 3'. [provided by RefSeq, Nov 2009].

Function:

The zeta chain is an alpha-type chain of mammalian embryonic hemoglobin, synthesized primarily in the yolk sac.

Subunit:

Heterotetramer of two zeta chains and two epsilon chains in early embryonic hemoglobin Gower-1; two zeta chains and two gamma chains in hemoglobin Portland-1.

Tissue Specificity:

Red blood cells.

Similarity:

Belongs to the globin family

SWISS:

P02008

Gene ID:

3050

Database links:

[Entrez Gene: 3050](#)Human

[Omim: 142310](#)Human

[SwissProt: P02008](#)Human

[Unigene: 585357](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.