

Product datasheet for **TA346403**

HBZ Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HBZ antibody: synthetic peptide directed towards the N terminal of human HBZ. Synthetic peptide located within the following region: ERLFLSHPQTKTYFPHFDLHPGSAQLRAHGSKVVAAVGDAVKSIDDIGGA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	hemoglobin subunit zeta
Database Link:	NP_005323 Entrez Gene 3050 Human P02008



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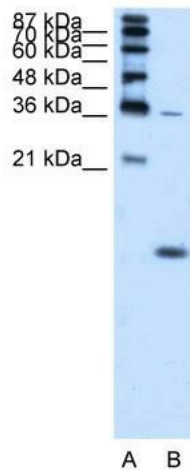
Background: Zeta-globin is an alpha-like hemoglobin. The zeta-globin polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult life. The zeta-globin gene is a member of the human alpha-globin gene cluster that includes five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta1 - 3'. Zeta-globin (HBZ) 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 involves 4 functional genes and 3 nonfunctional pseudogenes. The order of genes is: 5'-zeta -- pseudozeta -- pseudoalpha2 -- pseudoalpha1 -- alpha2 -- alpha1 -- theta1-3'.

Synonyms: HBZ-T1; HBZ1

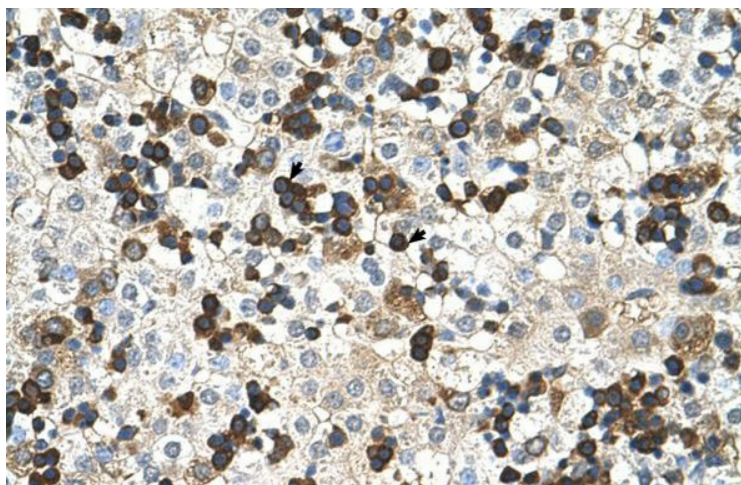
Note: Immunogen Sequence Homology: Human: 100%; Pig: 93%; Rat: 93%; Goat: 93%; Bovine: 93%; Rabbit: 92%; Horse: 86%; Mouse: 85%

Protein Families: Embryonic stem cells, ES Cell Differentiation/IPS

Product images:



WB Suggested Anti-HBZ Antibody Titration: 1.25 ug/ml; Positive Control: K562 cell lysate; HBZ is supported by BioGPS gene expression data to be expressed in K562



Rabbit Anti-HBZ Antibody; Paraffin Embedded Tissue: Human Liver; Cellular Data: Hemopoietic; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X