

HBZ Antibody(C-term) Blocking peptide
Synthetic peptide
Catalog # BP19610b**Specification**

HBZ Antibody(C-term) Blocking peptide - Product Information

Primary Accession [P02008](#)

HBZ Antibody(C-term) Blocking peptide - Additional Information

Gene ID 3050

Other Names

Hemoglobin subunit zeta, HBAZ, Hemoglobin zeta chain, Zeta-globin, HBZ, HBZ2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HBZ Antibody(C-term) Blocking peptide - Protein Information

Name HBZ

Synonyms HBZ2

Function

The zeta chain is an alpha-type chain of mammalian embryonic hemoglobin.

Tissue Location

Detected in fetal erythrocytes (at protein level).

HBZ Antibody(C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

HBZ Antibody(C-term) Blocking peptide - Images

HBZ Antibody(C-term) Blocking peptide - 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'.

HBZ Antibody(C-term) Blocking peptide - References

Hivin, P., et al. J. Cell. Sci. 118 (PT 7), 1355-1362 (2005) ; He, Z., et al. Biochem. Biophys. Res. Commun. 325(4):1376-1382(2004) Kidd, R.D., et al. Biochemistry 40(51):15669-15675(2001) Lau, E.T., et al. Prenat. Diagn. 21(7):529-539(2001) Daniels, R.J., et al. Hum. Mol. Genet. 10(4):339-352(2001)