

HBZ Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19610b**Specification**

HBZ Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	P02008
Other Accession	NP_005323.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	15637
Antigen Region	95-123

HBZ Antibody(C-term) - Additional Information**Gene ID** 3050**Other Names**

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

Target/Specificity

This HBZ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-123 amino acids from the C-terminal region of human HBZ.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HBZ Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HBZ Antibody(C-term) - Protein Information**Name** HBZ**Synonyms** HBZ2

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

Tissue Location

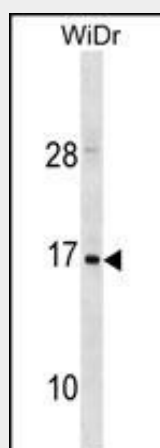
Detected in fetal erythrocytes (at protein level).

HBZ Antibody(C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HBZ Antibody(C-term) - Images



HBZ Antibody (C-term) (Cat. #AP19610b) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the HBZ antibody detected the HBZ protein (arrow).

HBZ Antibody(C-term) - 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) - 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)
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