

HBQ1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12996a**Specification**

HBQ1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P09105](#)**HBQ1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 3049**Other Names**

Hemoglobin subunit theta-1, Hemoglobin theta-1 chain, Theta-1-globin, HBQ1

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.

HBQ1 Antibody (N-term) Blocking peptide - Protein Information**Name** HBQ1**HBQ1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

HBQ1 Antibody (N-term) Blocking peptide - Images**HBQ1 Antibody (N-term) Blocking peptide - Background**

Theta-globin mRNA is found in human fetal erythroid tissue but not in adult erythroid or other nonerythroid tissue. The theta-1 gene may be expressed very early in embryonic life, perhaps sometime before 5 weeks. Theta-1 is a member of the human alpha-globin gene cluster that involves five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-2 - pseudoalpha-1 - alpha-2 - alpha-1 - theta-1 - 3'. Research supports a transcriptionally active role for the gene and a functional role for the peptide in specific cells, possibly those of early erythroid tissue.

HBQ1 Antibody (N-term) Blocking peptide - References

De Gobbi, M., et al. Science 312(5777):1215-1217(2006)Patrinos, G.P., et al. Hum. Mutat. 26(5):399-412(2005)Daniels, R.J., et al. Hum. Mol. Genet. 10(4):339-352(2001)Giardina, B., et al. Crit. Rev. Biochem. Mol. Biol. 30(3):165-196(1995)Kim, J.H., et al. Nucleic Acids Res. 17(14):5687-5700(1989)