

HHEX Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18467b**Specification**

HHEX Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q03014](#)**HHEX Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 3087**Other Names**

Hematopoietically-expressed homeobox protein HHEX, Homeobox protein HEX, Homeobox protein PRH, HHEX, HEX, PRH, PRHX

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.

HHEX Antibody (C-term) Blocking Peptide - Protein Information**Name** HHEX**Synonyms** HEX, PRH, PRHX**Function**

Recognizes the DNA sequence 5'-ATTAA-3' (By similarity). Transcriptional repressor (By similarity). Activator of WNT-mediated transcription in conjunction with CTNNB1 (PubMed:20028982). Establishes anterior identity at two levels; acts early to enhance canonical WNT- signaling by repressing expression of TLE4, and acts later to inhibit NODAL-signaling by directly targeting NODAL (By similarity). Inhibits EIF4E-mediated mRNA nuclear export (PubMed:12554669). May play a role in hematopoietic differentiation (PubMed:8096636).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P43120}. Nucleus, nuclear body. Cytoplasm

Tissue Location

Liver and promyelocytic leukemia cell line HL-60.

HHEX Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HHEX Antibody (C-term) Blocking Peptide - Images

HHEX Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the homeobox family of transcription factors, many of which are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation.

HHEX Antibody (C-term) Blocking Peptide - References

Heni, M., et al. Diabetes 59(12):3247-3252(2010) Pechlivanis, S., et al. Arterioscler. Thromb. Vasc. Biol. 30(9):1867-1872(2010) Reitz, C., et al. Neurobiol. Aging (2010) In press :Gaudet, M.M., et al. Cancer Epidemiol. Biomarkers Prev. 19(8):2106-2109(2010) Gupta, V., et al. Ann. Hum. Genet. 74(4):361-368(2010)