

ZHX3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12969b**Specification**

ZHX3 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9H4I2](#)**ZHX3 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 23051**Other Names**

Zinc fingers and homeoboxes protein 3, Triple homeobox protein 1, Zinc finger and homeodomain protein 3, ZHX3, KIAA0395, TIX1

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.

ZHX3 Antibody (C-term) Blocking peptide - Protein Information**Name** ZHX3**Synonyms** KIAA0395, TIX1**Function**

Acts as a transcriptional repressor. Involved in the early stages of mesenchymal stem cell (MSC) osteogenic differentiation. Is a regulator of podocyte gene expression during primary glomerula disease. Binds to promoter DNA.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:12659632}

Tissue Location

Widely expressed. High expression in kidney. Expressed during osteogenic differentiation

ZHX3 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ZHX3 Antibody (C-term) Blocking peptide - Images

ZHX3 Antibody (C-term) Blocking peptide - Background

This gene encodes a member of the zinc fingers and homeoboxes (ZHX) gene family. The encoded protein contains two C2H2-type zinc fingers and five homeodomains and forms a dimer with itself or with zinc fingers and homeoboxes family member 1. In the nucleus, the dimerized protein interacts with the A subunit of the ubiquitous transcription factor nuclear factor-Y and may function as a transcriptional repressor.

ZHX3 Antibody (C-term) Blocking peptide - References

Liu, G., et al. J. Biol. Chem. 281(51):39681-39692(2006) Lim, J., et al. Cell 125(4):801-814(2006) Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004) Kawata, H., et al. Gene 323, 133-140 (2003) : Yamada, K., et al. Biochem. J. 373 (PT 1), 167-178 (2003) :