

ZHX3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12969b**Specification**

ZHX3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9H4I2
Other Accession	NP_055850.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	104658
Antigen Region	645-674

ZHX3 Antibody (C-term) - 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

Target/Specificity

This ZHX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 645-674 amino acids from the C-terminal region of human ZHX3.

Dilution

WB~~1:1000

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

ZHX3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZHX3 Antibody (C-term) - 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

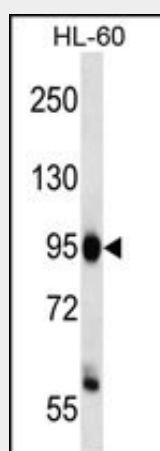
Widely expressed. High expression in kidney. Expressed during osteogenic differentiation

ZHX3 Antibody (C-term) - 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](#)

ZHX3 Antibody (C-term) - Images



ZHX3 Antibody (C-term) (Cat. #AP12969b) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ZHX3 antibody detected the ZHX3 protein (arrow).

ZHX3 Antibody (C-term) - 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) - 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) :