

ZHX1 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19424b**Specification**

ZHX1 Antibody(C-term) - Product Information

| | |
|-------------------|---|
| Application | WB,E |
| Primary Accession | O9UKY1 |
| Other Accession | O8R515 , P70121 , NP_009153.3 |
| Reactivity | Human |
| Predicted | Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 98098 |
| Antigen Region | 771-800 |

ZHX1 Antibody(C-term) - Additional Information**Gene ID** 11244**Other Names**

Zinc fingers and homeoboxes protein 1, ZHX1

Target/Specificity

This ZHX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 771-800 amino acids from the C-terminal region of human ZHX1.

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

ZHX1 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZHX1 Antibody(C-term) - Protein Information**Name** ZHX1

Function Acts as a transcriptional repressor. Increases DNMT3B- mediated repressive transcriptional activity when DNMT3B is tethered to DNA. May link molecule between DNMT3B and other co-repressor proteins.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:12237128, ECO:0000269|PubMed:17056598} Note=Colocalized in the nucleus with DNMT3B

Tissue Location

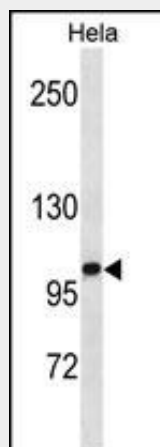
Ubiquitously expressed. Expressed in podocytes.

ZHX1 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](#)

ZHX1 Antibody(C-term) - Images



ZHX1 Antibody (C-term)(Cat. #AP19424b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the ZHX1 antibody detected the ZHX1 protein (arrow).

ZHX1 Antibody(C-term) - Background

The members of the zinc fingers and homeoboxes gene family are nuclear homodimeric transcriptional repressors that interact with the A subunit of nuclear factor-Y (NF-YA) and contain two C2H2-type zinc fingers and five homeobox DNA-binding domains. This gene encodes member 1 of this gene family. In addition to forming homodimers, this protein heterodimerizes with members 2 and 3 of the zinc fingers and homeoboxes family. Alternative splicing results in multiple transcript variants encoding the same protein.

ZHX1 Antibody(C-term) - References

Wienk, H., et al. Biochemistry 48(21):4431-4439(2009)
Rikova, K., et al. Cell 131(6):1190-1203(2007)
Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Kim, S.H., et al. Biochem. Biophys. Res. Commun. 355(2):318-323(2007)
Liu, G., et al. J. Biol. Chem. 281(51):39681-39692(2006)