

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

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**ZHX1 Antibody(C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9UKY1</a>
Other Accession	<a href="#">O8R515</a> , <a href="#">P70121</a> , <a href="#">NP_009153.3</a>
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

**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

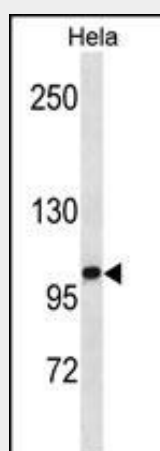
Ubiquitously expressed. Expressed in podocytes.

### 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)  
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Kim, S.H., et al. Biochem. Biophys. Res. Commun. 355(2):318-323(2007)  
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