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ZHX1 Antibody(C-term) Blocking peptide

Synthetic peptide
Catalog # BP19424b

Specification

ZHX1 Antibody(C-term) Blocking peptide - Product Information

Primary Accession Q9UKY1

ZHX1 Antibody(C-term) Blocking peptide - Additional Information

Gene ID 11244

Other Names
Zinc fingers and homeoboxes protein 1, ZHX1

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.

ZHX1 Antibody(C-term) Blocking peptide - 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) Blocking peptide - Protocols

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

- Blocking Peptides

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ZHX1 Antibody(C-term) Blocking peptide - Images

ZHX1 Antibody(C-term) Blocking peptide - Background

The members of the zinc fingers and homeoboxes gene familyare nuclear homodimeric transcriptional repressors that interactwith the A subunit of nuclear factor-Y (NF-YA) and contain twoC2H2-type zinc fingers and five homeobox DNA-binding domains. Thisgene encodes member 1 of this gene family. In addition to forminghomodimers, this protein heterodimerizes with members 2 and 3 ofthe zinc fingers and homeoboxes family. Alternative splicingresults in multiple transcript variants encoding the same protein.

ZHX1 Antibody(C-term) Blocking peptide - 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)