

ZHX3 Rabbit pAb

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Catalog # AP57446

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H4I2
Predicted	Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	104658
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZHX3
Epitope Specificity	21-120/956
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008]

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
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ZHX3
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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

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.