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Rabbit Anti-ZHX3/Cy5.5 Conjugated antibody

SL19232R-Cy5.5

Product Name	Anti-ZHX3/Cy5.5
Chinese Name	Cy5.5 标记的同源三聚体 Zinc finger proteinZHX3 抗体
Alias	KIAA0395; TIX1; Triple homeobox 1; Triple homeobox protein 1; ZHX 3; Zhx3; ZHX3_HUMAN; Zinc finger and homeodomain protein 3; Zinc fingers and homeoboxes protein 3.
Research Area	Developmental biology transcriptional regulatory factor Zinc finger protein Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Rabbit)
Applications	ICC/IF=1:50-200,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	105kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human ZHX3
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**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. [provided by RefSeq, Jul 2008]

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.

Subcellular Location:
Nucleus.

Tissue Specificity:
Widely expressed. High expression in kidney.

Similarity:
Belongs to the ZHX family.
Contains 2 C2H2-type zinc fingers.
Contains 5 homeobox DNA-binding domains.

Database links:

Entrez Gene: 23051 Human

Omim: 609598 Human

SwissProt: Q9H4I2 Human

Unigene: 380133 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.