

## ZHX2 Polyclonal Antibody

<b>Catalog No :</b>	YT4944
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	ZHX2
<b>Gene Name :</b>	ZHX2
<b>Protein Name :</b>	Zinc fingers and homeoboxes protein 2
<b>Human Gene Id :</b>	22882
<b>Human Swiss Prot No :</b>	Q9Y6X8
<b>Mouse Gene Id :</b>	387609
<b>Mouse Swiss Prot No :</b>	Q8C0C0
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ZHX2. AA range:751-800
<b>Specificity :</b>	ZHX2 Polyclonal Antibody detects endogenous levels of ZHX2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

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**Observed Band :** 92kD

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**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 2 of this gene family. In addition to forming homodimers, this protein heterodimerizes with member 1 of the zinc fingers and homeoboxes family. [provided by RefSeq, Jul 2008],

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**Function :** function:Acts as a transcriptional repressor.,similarity:Belongs to the ZHX family.,similarity:Contains 2 C2H2-type zinc fingers.,similarity:Contains 4 homeobox DNA-binding domains.,subunit:Forms homodimers. Also forms heterodimers with ZHX1 and ZHX3. Heterodimerization with ZHX1 is not necessary for repressor activity. Interacts with NFYA.,tissue specificity:Ubiquitously expressed.,

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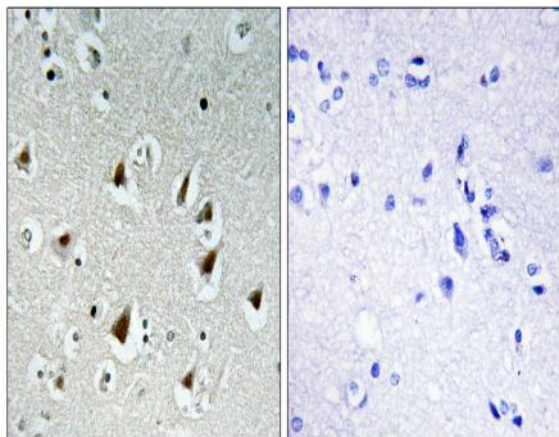
**Subcellular Location :** Nucleus . Colocalizes with EFNB1 intracellular domain in the nucleus. .

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**Expression :** Ubiquitously expressed. Expressed in podocytes.

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## Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ZHX2 Antibody. The picture on the right is blocked with the synthesized peptide.