

**ZHX2 Antibody**  
**Rabbit mAb**  
**Catalog # AP92856****Specification**

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**ZHX2 Antibody - Product Information**

Application	<b>WB, FC, ICC</b>
Primary Accession	<a href="#">O9Y6X8</a>
Reactivity	<b>Rat</b>
Clonality	<b>Monoclonal</b>

**Other Names**

AFP regulator 1; AFR1; Alpha fetoprotein regulator 1; RAF; Regulator of AFP; Transcription factor ZHX2; ZHX2; Zinc finger and homeodomain protein 2; Zinc fingers and homeoboxes 2; Zinc fingers and homeoboxes protein 2;

Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>92307 Da</b>

**ZHX2 Antibody - Additional Information**

Dilution	<b>WB~~1:1000</b> <b>FC~~1:10~50</b> <b>ICC~~N/A</b>
Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human ZHX2</b>
Description	<b>Acts as a transcriptional repressor.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

**ZHX2 Antibody - Protein Information****Name** ZHX2**Synonyms** AFR1, KIAA0854, RAF**Function**

Acts as a transcriptional repressor (PubMed:<a href="http://www.uniprot.org/citations/12741956" target="\_blank">12741956</a>). Represses the promoter activity of the CDC25C gene stimulated by NFYA (PubMed:<a href="http://www.uniprot.org/citations/12741956" target="\_blank">12741956</a>). May play a role in retinal development where it regulates the composition of bipolar cell populations, by promoting differentiation of bipolar OFF-type cells (By similarity). In the brain, may promote maintenance and suppress differentiation of neural progenitor cells in the developing cortex (By similarity).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:12741956, ECO:0000269|PubMed:17056598} Note=Colocalizes with EFNB1 intracellular domain in the nucleus {ECO:0000250|UniProtKB:Q8C0C0}

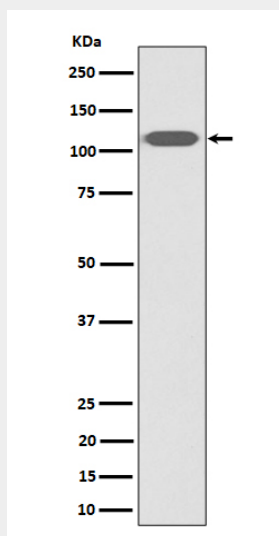
**Tissue Location**

Ubiquitously expressed. Expressed in podocytes.

**ZHX2 Antibody - 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](#)

**ZHX2 Antibody - Images**

Western blot analysis of ZHX2 expression in HeLa cell lysate.