

ZHX2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51624

Specification

ZHX2 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	O9Y6X8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92 KDa

ZHX2 Antibody - Additional Information

Gene ID 22882

Other Names

Zinc fingers and homeoboxes protein 2, Alpha-fetoprotein regulator 1, AFP regulator 1, Regulator of AFP, Zinc finger and homeodomain protein 2, ZHX2, AFR1, KIAA0854, RAF

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

ZHX2 Antibody - Protein Information

Name ZHX2

Synonyms AFR1, KIAA0854, RAF

Function

Acts as a transcriptional repressor (PubMed: [12741956](http://www.uniprot.org/citations/12741956) target="_blank">12741956). Represses the promoter activity of the CDC25C gene stimulated by NFYA (PubMed: [12741956](http://www.uniprot.org/citations/12741956) target="_blank">12741956). 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

ZHX2 Antibody - Background

Acts as a transcriptional repressor. Represses the promoter activity of the CDC25C gene stimulated by NFYA.

ZHX2 Antibody - References

Kawata H., et al. *Biochem. J.* 373:747-757(2003).
Nagase T., et al. *DNA Res.* 5:355-364(1998).
Ohara O., et al. Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Liu G., et al. *J. Biol. Chem.* 281:39681-39692(2006).
Gauci S., et al. *Anal. Chem.* 81:4493-4501(2009).