

ZHX2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51624

Product Information

Application	WB, IHC-P
Primary Accession	Q9Y6X8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92307

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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ZHX2. The exact sequence is proprietary.
Dilution	WB~~1:1000 IHC-P~~N/A
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

Protein Information

Name	ZHX2
Synonyms	AFR1, KIAA0854, RAF
Function	Acts as a transcriptional repressor (PubMed: 12741956). Represses the promoter activity of the CDC25C gene stimulated by NFYA (PubMed: 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.

Background

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

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).

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