

KD-Validated Anti-Zinc fingers and homeoboxes 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1423

Product Information

Application	WB, ICC
Primary Accession	Q9Y6X8
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4270
Calculated MW	92307
Gene Name	ZHX2
Aliases	ZHX2; Zinc Fingers And Homeoboxes 2; KIAA0854; Zinc Fingers And Homeoboxes Protein; Zinc Finger And Homeodomain Protein; Alpha-Fetoprotein Regulator 1; Regulator Of AFP; AFP Regulator 1; AFR1; RAF; Zinc-Fingers And Homeoboxes 2; Transcription Factor ZHX2
Immunogen	A synthesized peptide derived from human ZHX2

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

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.

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