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ZHX2 Rabbit mAb

Catalog # AP74891

Product Information

Application	WB, FC
Primary Accession	Q9Y6X8
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	92307

Additional Information

Gene ID	22882
Other Names	ZHX2
Dilution	WB~~1:500-1:1000 FC~~1:50-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

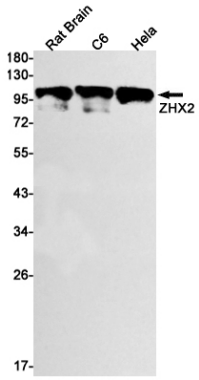
Name	ZHX2
Synonyms	AFR1, KIAA0854, RAF
Function	Acts as a transcriptional repressor (PubMed: 12741956). Represses the promoter activity of the CDC25C gene stimulated by NFYA (PubMed:12741956). May play a role in retinal development where it regulates the composition of bipolar cell populations, by promoting 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.

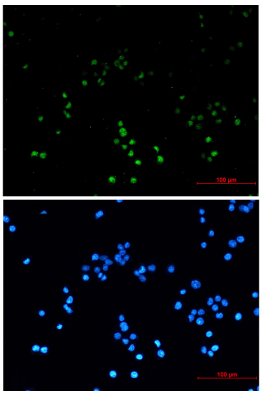
Background

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.

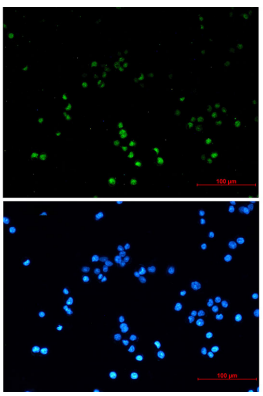
Images



Western blot analysis of ZHX2 in rat Brain, C6, Hela lysates using ZHX2 antibody.



Immunocytochemistry analysis of ZHX2 (green) in MCF-7 using ZHX2 antibody,and DAPI(blue)



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.