

Datasheet for ABIN1538947
anti-ZHX2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	ZHX2
Binding Specificity:	AA 105-131, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZHX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This ZHX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-131 amino acids from the N-terminal region of human ZHX2.
Clone:	RB38634
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ZHX2
Alternative Name:	ZHX2 (ZHX2 Products)

Target Details

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.

Molecular Weight: 92307

Gene ID: 22882

NCBI Accession: [NP_055758](#)

UniProt: [Q9Y6X8](#)

Pathways: [Stem Cell Maintenance](#)

Application Details

Application Notes: IF: 1:10~50. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

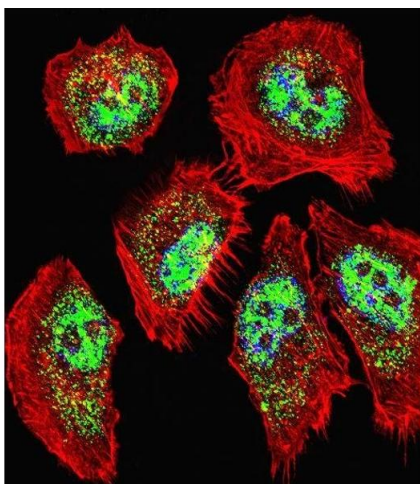
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

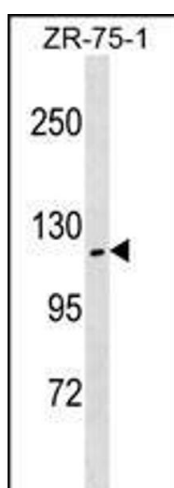
Storage Comment: ZHX2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Immunofluorescence

Image 1. Fluorescent confocal image of A549 cell stained with ZHX2 Antibody (N-term) (ABIN1538947 and ABIN2850190). A549 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with ZHX2 primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). ZHX2 immunoreactivity is localized to Nucleus significantly and Cytoplasm weakly.



Western Blotting

Image 2. ZHX2 Antibody (N-term) (ABIN1538947 and ABIN2850190) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the ZHX2 antibody detected the ZHX2 protein (arrow).