

For Research Use Only

# ZHX1 Polyclonal antibody

Catalog Number: 13903-1-AP

Featured Product

3 Publications



## Basic Information

**Catalog Number:**

13903-1-AP

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG4874

**GenBank Accession Number:**

BC040481

**GeneID (NCBI):**

11244

**UNIPROT ID:**

Q9UKY1

**Full Name:**

zinc fingers and homeoboxes 1

**Calculated MW:**

873 aa, 98 kDa

**Observed MW:**

100-120 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**Positive Controls:**

WB : HeLa cells, HEK-293 cells, mouse heart tissue, mouse kidney tissue

IP : HEK-293 cells,

## Background Information

Binding of the nuclear factor-Y complex (NF-Y) to the inverted CCAAT-box interferes with transcription activation through nucleosome reorganization. The three homologous proteins forming the zinc-fingers and homeoboxes (ZHX) family interact with the activation domain of NF-Ya to repress transcription [PMID:19348505,20509910]. Human zinc-fingers and homeoboxes 1 (ZHX1) was cloned as a protein that interacts with the activation domain (AD) of the A subunit of nuclear factor-Y (NF-YA) [PMID:12237128].

## Notable Publications

Author	Pubmed ID	Journal	Application
Keman Liao	31648104	Mol Ther Nucleic Acids	WB
Ryuk-Jun Kwon	27835650	PLoS One	WB, IHC
Ryuk-Jun Kwon	28351300	Tumour Biol	WB, IHC

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

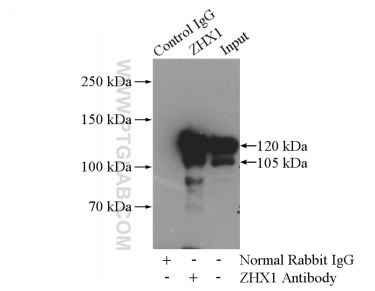
W: ptgcn.com

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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 13903-1-AP (ZHX1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-ZHX1 (IP:13903-1-AP, 4ug; Detection:13903-1-AP 1:500) with HEK-293 cells lysate 3200ug.