

For Research Use Only

ZHX1 Polyclonal antibody

Catalog Number: 13903-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

13903-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 560 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, 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

*** 20ul sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

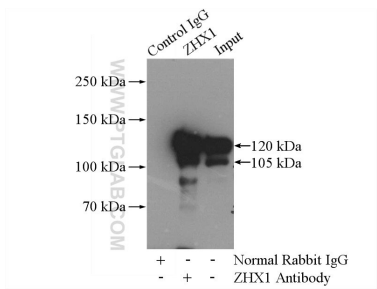
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.