

For Research Use Only

ZHX1 Polyclonal antibody

Catalog Number: 13903-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 13903-1-AP	GenBank Accession Number: BC040481	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 560 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11244	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: zinc fingers and homeoboxes 1	
Isotype: IgG	Calculated MW: 873 aa, 98 kDa	
Immunogen Catalog Number: AG4874	Observed MW: 100-120 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB: HeLa cells, HEK-293 cells, mouse heart tissue, mouse kidney tissue IP: HEK-293 cells,
Cited Applications: IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

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

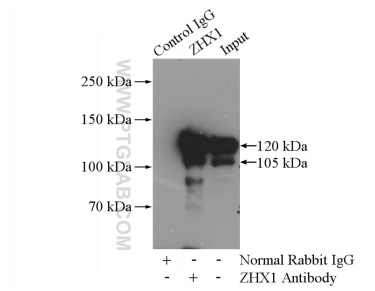
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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.