

## ZHX1 Polyclonal Antibody

Catalog number: 13903-1-AP

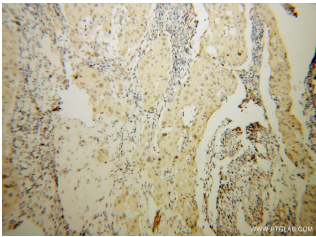
Size: 84 µg/150 µl

Source: Rabbit

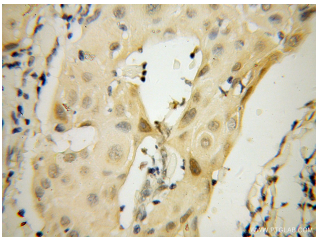
Isotype: IgG

Synonyms:

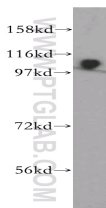
ZHX1; ZHX1, zinc fingers and homeoboxes 1



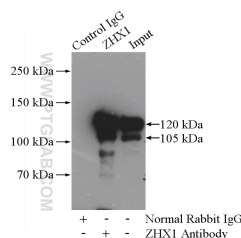
Immunohistochemical of paraffin-embedded human cervical cancer using 13903-1-AP (ZHX1 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human cervical cancer using 13903-1-AP (ZHX1 antibody) at dilution of 1:100 (under 40x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 13903-1-AP (ZHX1 antibody) at dilution of 1:500



### IP Result of anti-ZHX1

(IP:13903-1-AP, 4µg;

Detection:13903-1-AP 1:500)

### Background

Binding of the nuclear factor- $\kappa$ B complex (NF- $\kappa$ B) 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- $\kappa$ B 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- $\kappa$ B (NF- $\kappa$ B) [PMID:12237128].

### Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated ZHX1 MW:	873aa, 98 kDa
Observed ZHX1 MW:	100-120 kDa
Positive WB detected in	HeLa cells, HEK-293 cells, mouse heart tissue, mouse kidney tissue
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human cervical cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4874
GenBank accession number:	BC040481
Gene ID (NCBI):	11244
Full name:	Zinc fingers and homeoboxes 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

with HEK-293 cells lysate  
3200ug.