

For Research Use Only

# SIX5 Polyclonal antibody

Catalog Number: 22938-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**  
22938-1-AP

**Size:**  
150ul, Concentration: 1000 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG18993

**GenBank Accession Number:**  
BC156983

**GeneID (NCBI):**  
147912

**Full Name:**  
SIX homeobox 5

**Calculated MW:**  
739 aa, 75 kDa

**Observed MW:**  
100-105 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB  
IHC 1:20-1:200

## Applications

**Tested Applications:**  
IHC, IP, WB, ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human

**Cited Species:**  
mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB: Y79 cells, HeLa cells

IP: Y79 cells,

IHC: human kidney tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Hannah J Wiedner	38026174	iScience	WB

### 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

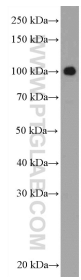
For technical support and original validation data for this product please contact:

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

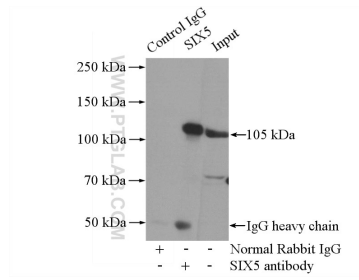
E: proteintech@ptglab.com  
W: ptglab.com

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

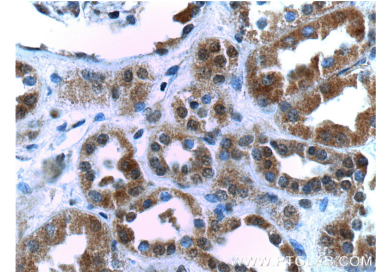
## Selected Validation Data



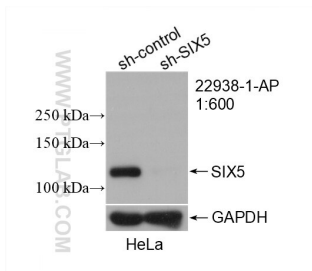
Y79 cells were subjected to SDS PAGE followed by western blot with 22938-1-AP (SIX5 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-SIX5 (IP:22938-1-AP, 4 $\mu$ g; Detection:22938-1-AP 1:300) with Y79 cells lysate 2000 $\mu$ g.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 22938-1-AP (SIX5 Antibody) at dilution of 1:200 (under 40x lens).



WB result of SIX5 antibody (22938-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-SIX5 transfected HeLa cells.