

For Research Use Only

# LEFTY2 Polyclonal antibody

Catalog Number: 13991-1-AP

3 Publications



## Basic Information

### Catalog Number:

13991-1-AP

### Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 380 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5073

### GenBank Accession Number:

BC035718

### GeneID (NCBI):

7044

### UNIPROT ID:

O00292

### Full Name:

left-right determination factor 2

### Calculated MW:

366 aa, 41 kDa

### Observed MW:

34 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**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 : HeLa cells, mouse uterus tissue

IHC : human endometrial cancer tissue,

IF/ICC : HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Qianqian Gao	34737126	Dev Biol	IHC
Weilun Fu	32486965	Stroke	IF
Haixia Ma	27072135	J Biol Chem	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

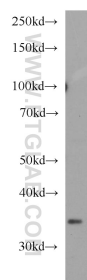
For technical support and original validation data for this product please contact:

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

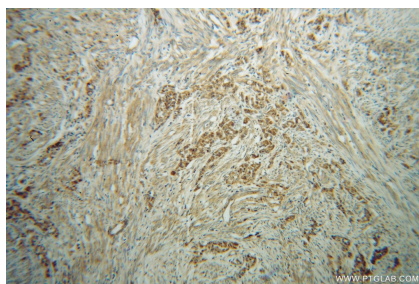
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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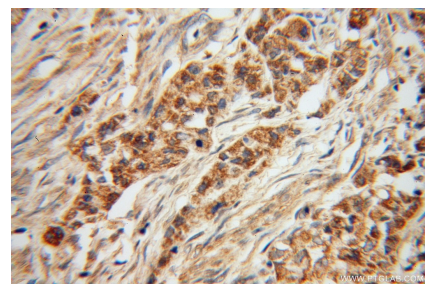
## Selected Validation Data



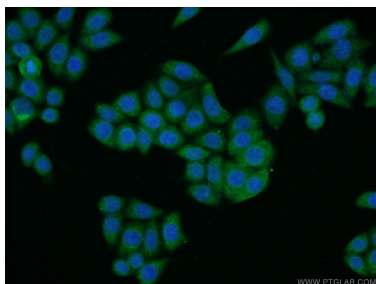
HeLa cells were subjected to SDS PAGE followed by western blot with 13991-1-AP (LEFTY2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer using 13991-1-AP (LEFTY2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer using 13991-1-AP (LEFTY2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 13991-1-AP (LEFTY2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).