# LEFTY2 Polyclonal antibody

Catalog Number:13991-1-AP

**3 Publications**

**Proteintech®**
Antibodies | ELISA kits | Proteins
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## Basic Information

**Catalog Number:**
13991-1-AP

**Size:**
650 μg/ml

**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,

## Background Information

## 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℃. Stable for one year after shipment.
**Storage Buffer:**
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
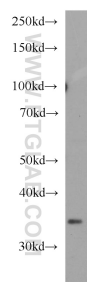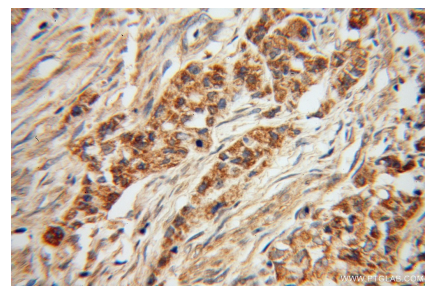
Aliquoting is unnecessary for -20°C storage

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.
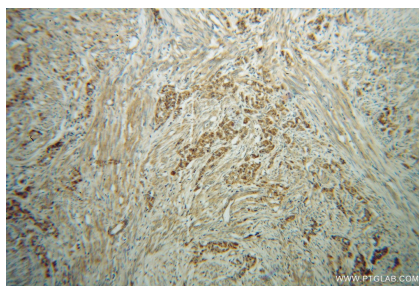


Immunohistochemical analysis of paraffin-embedded human endometrial cancer using 13991-1-AP (LEFTY2 antibody) at dilution of 1:50 (under 10x lens).



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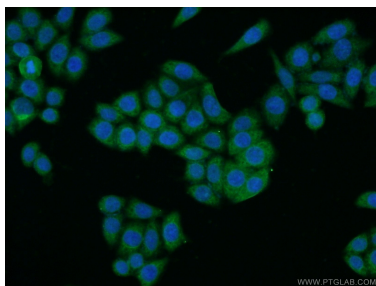


Immunofluorescent analysis of HeLa cells using 13991-1-AP (LEFTY2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).