

For Research Use Only

# SUFU Polyclonal antibody

Catalog Number: 26759-1-AP

Featured Product

10 Publications



## Basic Information

**Catalog Number:**

26759-1-AP

**Size:**

600 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG25200

**GenBank Accession Number:**

BC013291

**GeneID (NCBI):**

51684

**UNIPROT ID:**

Q9UMX1

**Full Name:**

suppressor of fused homolog  
(Drosophila)

**Calculated MW:**

54 kDa

**Observed MW:**

50 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total  
protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, FC (Intra), IP, 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, C6 cells, HEK-293 cells, NIH/3T3 cells

IP : NIH/3T3 cells,

IHC : human kidney tissue,

IF/ICC : HeLa cells,

## Background Information

Sufu (Suppressor of fused) is a central regulator of Hh (Hedgehog) signaling and acts as a tumor suppressor by maintaining the Gli (Glioma-associated oncogene homolog) transcription factors inactive. Loss of Sufu function promotes tumorigenesis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiao Ding	31519191	J Exp Clin Cancer Res	WB,IHC
Leah Schembs	35584663	Cell Rep	IF
Liwei Zhang	32550895	Theranostics	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

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

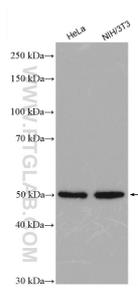
T: 4006900926

E: Proteintech-CN@ptglab.com

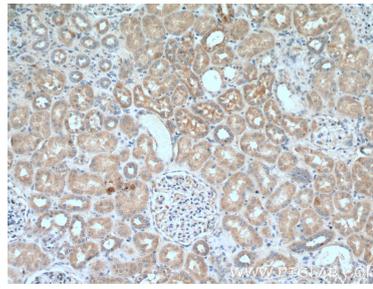
W: ptgcn.com

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

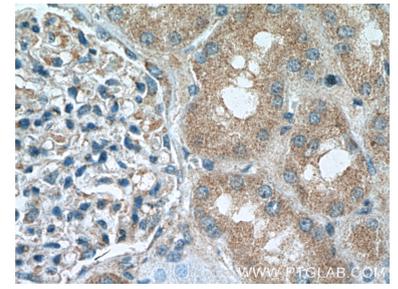
## Selected Validation Data



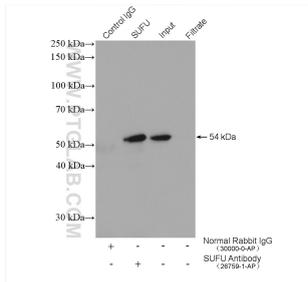
Various lysates were subjected to SDS PAGE followed by western blot with 26759-1-AP (SUFU antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



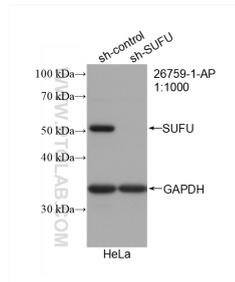
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26759-1-AP (SUFU Antibody) at dilution of 1:200 (under 10x lens).



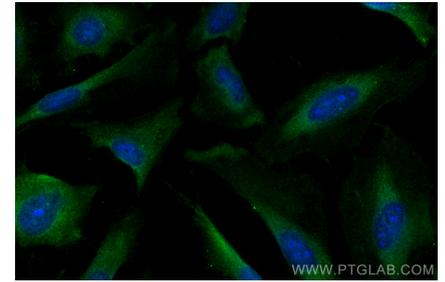
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26759-1-AP (SUFU Antibody) at dilution of 1:200 (under 40x lens).



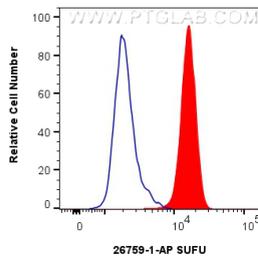
IP result of anti-SUFU (IP:26759-1-AP, 4ug; Detection:26759-1-AP 1:1000) with NIH/3T3 cells lysate 1600 ug.



WB result of SUFU antibody (26759-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SUFU transfected HeLa cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using SUFU antibody (26759-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.25 ug SUFU Polyclonal antibody (26759-1-AP) and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).