

For Research Use Only

# NUDT6 Polyclonal antibody

Catalog Number: 11181-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

11181-1-AP

### Size:

300 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1638

### GenBank Accession Number:

BC009842

### GeneID (NCBI):

11162

### UNIPROT ID:

P53370

### Full Name:

nudix (nucleoside diphosphate linked moiety X)-type motif 6

### Calculated MW:

36 kDa

### Observed MW:

72 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:250-1:1000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, 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:** Jurkat cells, HepG2 cells, human heart tissue, rat heart tissue, rat liver tissue

**IP:** HepG2 cells,

**IHC:** human liver tissue, mouse brain tissue, rat colon tissue

**IF/ICC:** HepG2 cells,

## Background Information

NUDT6, also named as FGF2AS and GFG, belongs to the Nudix hydrolase family. It may contribute to the regulation of cell proliferation. NUDT6 maybe a candidate gene for fat deposition. The 72 kDa is a homodimer form of NUDT6.

## Notable Publications

Author	Pubmed ID	Journal	Application
Lin Yuan	25703666	Burns	IHC
Ji-Chang Wang	29532562	Cancer Sci	WB
Xinying Wang	28370978	Wound Repair Regen	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:

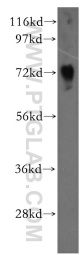
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

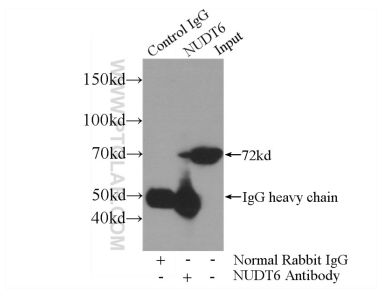
W: [ptgcn.com](http://ptgcn.com)

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

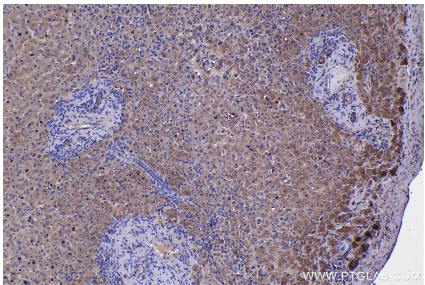
Selected Validation Data



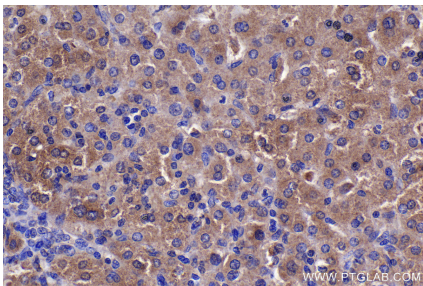
Jurkat cells were subjected to SDS PAGE followed by western blot with 11181-1-AP (NUDT6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



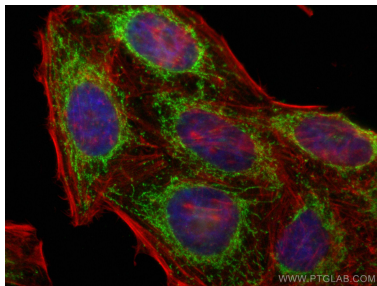
IP result of anti-NUDT6 (IP:11181-1-AP, 4ug; Detection:11181-1-AP 1:500) with HepG2 cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11181-1-AP (NUDT6 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11181-1-AP (NUDT6 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NUDT6 antibody (11181-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).