

For Research Use Only

# NUDT2 Polyclonal antibody

Catalog Number: 10484-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

10484-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0743

### GenBank Accession Number:

BC004926

### GeneID (NCBI):

318

### UNIPROT ID:

P50583

### Full Name:

nudix (nucleoside diphosphate linked moiety X)-type motif 2

### Calculated MW:

17 kDa

### Observed MW:

17 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:2000-1:16000

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

IHC: 1:200-1:600

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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**: HEK-293 cells, mouse colon tissue, mouse liver tissue, mouse spleen, mouse brain tissue, rat brain tissue, rat liver tissue

**IP**: HEK-293 cells,

**IHC**: human breast cancer tissue, human liver cancer tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Zongping Wang	28260108	Oncol Rep	WB
Rasha Abu-Rahmah	38715773	Front Oncol	IHC
Sana' Hidmi	37445693	Int J Mol Sci	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

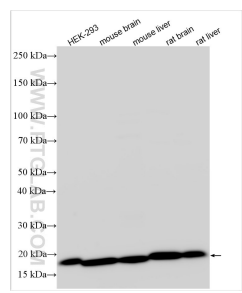
For technical support and original validation data for this product please contact:

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

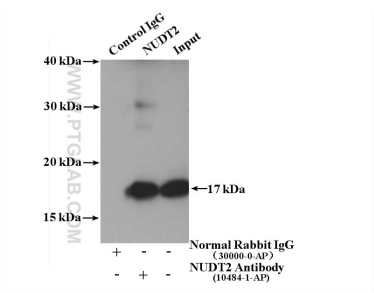
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

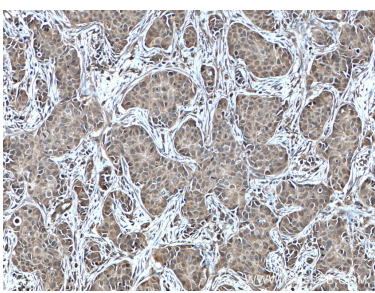
Selected Validation Data



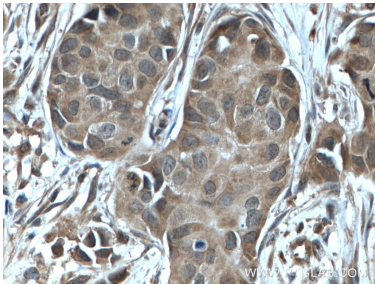
Various lysates were subjected to SDS PAGE followed by western blot with 10484-1-AP (NUDT2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP result of anti-NUDT2 (IP:10484-1-AP, 4ug; Detection:10484-1-AP 1:1000) with HEK-293 cells lysate 2600 ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10484-1-AP (NUDT2 antibody) at dilution of 1:600 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10484-1-AP (NUDT2 antibody) at dilution of 1:600 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).