

For Research Use Only

# NAT1 Polyclonal antibody

Catalog Number: 19188-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

19188-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 313 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6280

### GenBank Accession Number:

BC047666

### GeneID (NCBI):

9

### UNIPROT ID:

P18440

### Full Name:

N-acetyltransferase 1 (arylamine N-acetyltransferase)

### Calculated MW:

34 kDa

### Observed MW:

32-34 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, CoIP

### 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 : PC-3 cells, human placenta tissue, A375 cells

IHC : human breast cancer tissue,

IF/ICC : Hela cells, HepG2 cells

## Notable Publications

Author	Pubmed ID	Journal	Application
Qiao Song	36243980	Nucleic Acids Res	WB, CoIP
Rushi Liu	32793479	Front Oncol	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

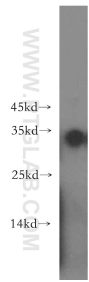
For technical support and original validation data for this product please contact:

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

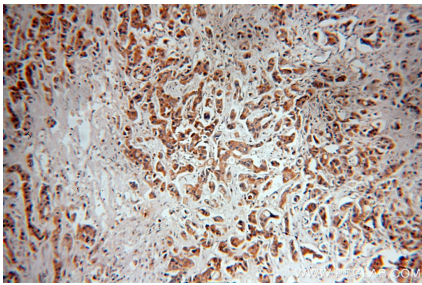
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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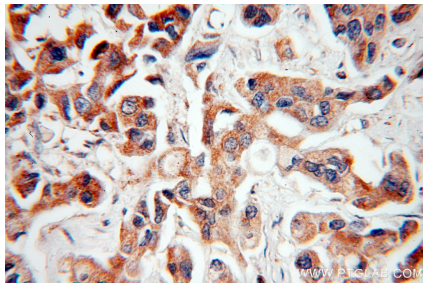
Selected Validation Data



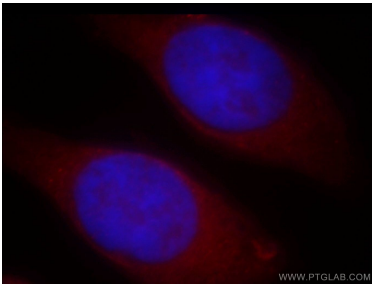
PC-3 cells were subjected to SDS PAGE followed by western blot with 19188-1-AP (NAT1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



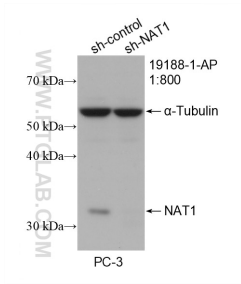
Immunohistochemical analysis of paraffin-embedded human breast cancer using 19188-1-AP (NAT1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using 19188-1-AP (NAT1 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using NAT1 antibody 19188-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



WB result of NAT1 antibody (19188-1-AP; 1:800; incubated at room temperature for 1.5 hours) with sh-Control and sh-NAT1 transfected PC-3 cells.