

For Research Use Only

# NAT1 Polyclonal antibody

Catalog Number: 14394-1-AP



## Basic Information

### Catalog Number:

14394-1-AP

### Size:

150ul, Concentration: 113 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5885

### 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 1:20-1:200

## Applications

### Tested Applications:

WB, IF, IHC, ELISA

### Species Specificity:

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 : A375 cells, PC-3 cells

IHC : human breast cancer tissue,

IF/ICC : A375 cells,

## 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

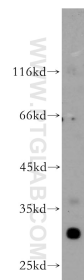
For technical support and original validation data for this product please contact:

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

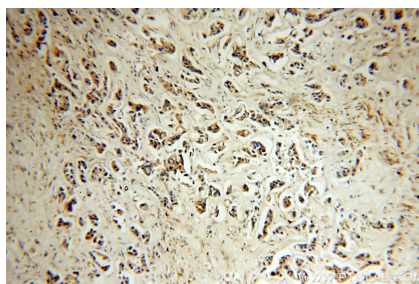
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

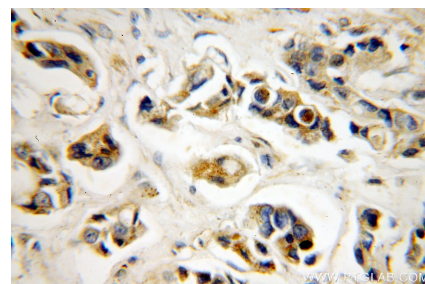
## Selected Validation Data



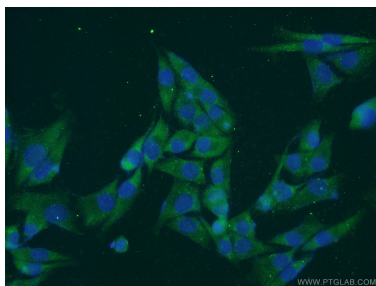
A375 cells were subjected to SDS PAGE followed by western blot with 14394-1-AP (NAT1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 14394-1-AP (NAT1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using 14394-1-AP (NAT1 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of A375 cells using 14394-1-AP (NAT1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).