

For Research Use Only

NAT1 Polyclonal antibody

Catalog Number: 14394-1-AP



Basic Information

Catalog Number: 14394-1-AP	GenBank Accession Number: BC047666	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 113 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:20-1:200
Source: Rabbit	Full Name: N-acetyltransferase 1 (arylamine N-acetyltransferase)	
Isotype: IgG	Calculated MW: 34 kDa	
Immunogen Catalog Number: AG5885	Observed MW: 32-34 kDa	

Applications

Tested Applications: FC, IF, IHC, WB, ELISA	Positive Controls: WB : A375 cells, PC-3 cells IHC : human breast cancer tissue, IF : A375 cells,
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	

Background Information

Storage

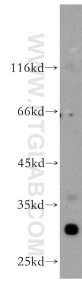
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

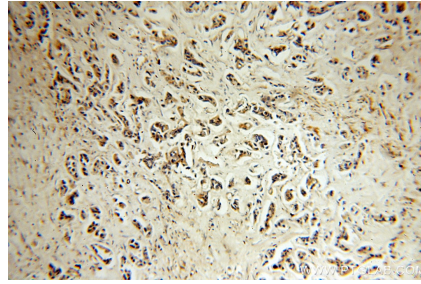
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

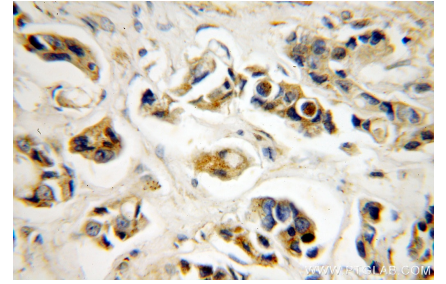
Selected Validation Data



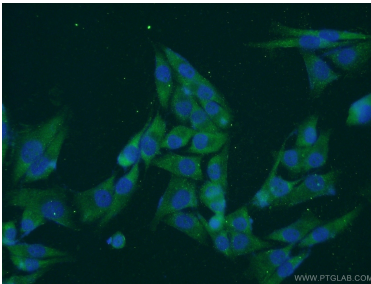
A375 cells were subjected to SDS PAGE followed by western blot with 14394-1-AP (NAT1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



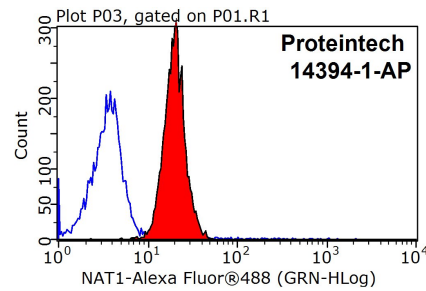
Immunohistochemical analysis of paraffin-embedded human breast cancer using 14394-1-AP (NAT1 antibody) at dilution of 1:50 (under 10x lens).



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).



1x10⁶ MCF-7 cells were stained with 0.2ug NAT1 antibody (14394-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.