

**NAT1 (aa272-286) Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4053a****Specification**

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**NAT1 (aa272-286) Antibody (C-Term) - Product Information**

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Application       | WB                                                                               |
| Primary Accession | <a href="#">P18440</a>                                                           |
| Other Accession   | <a href="#">NP_000653.3</a> , <a href="#">NP_001153647.1</a> , <a href="#">9</a> |
| Reactivity        | Human                                                                            |
| Host              | Goat                                                                             |
| Clonality         | Polyclonal                                                                       |
| Concentration     | 0.5 mg/ml                                                                        |
| Isotype           | IgG                                                                              |
| Calculated MW     | 33899                                                                            |

**NAT1 (aa272-286) Antibody (C-Term) - Additional Information****Gene ID 9****Other Names**

Arylamine N-acetyltransferase 1, 2.3.1.5, Arylamide acetylase 1, Monomorphic arylamine N-acetyltransferase, MNAT, N-acetyltransferase type 1, NAT-1, NAT1, AAC1

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

NAT1 (aa272-286) Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NAT1 (aa272-286) Antibody (C-Term) - Protein Information****Name NAT1****Synonyms AAC1****Function**

Participates in the detoxification of a plethora of hydrazine and arylamine drugs. Catalyzes the N- or O-acetylation of various arylamine and heterocyclic amine substrates and is able to bioactivate several known carcinogens.

**Cellular Location**

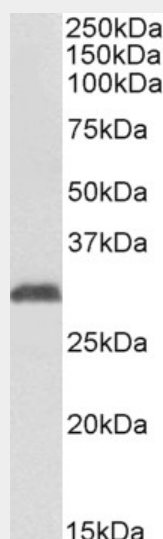
Cytoplasm.

### **NAT1 (aa272-286) Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **NAT1 (aa272-286) Antibody (C-Term) - Images**



AF4053a (1 µg/ml) staining of Human Erythrocytes lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### **NAT1 (aa272-286) Antibody (C-Term) - Background**

This antibody is expected to recognize both reported isoforms (NP\_000653.3; NP\_001153647.1). Reported variants represent identical protein: NP\_001153646.1, NP\_001153642.1, NP\_001153645.1, NP\_001153644.1, NP\_001153651.1, NP\_001153643.1, NP\_000653.3. Report

### **NAT1 (aa272-286) Antibody (C-Term) - References**

Functional analysis of arylamine N-acetyltransferase 1 (NAT1) NAT1\*10 haplotypes in a complete NATb mRNA construct. Millner LM, Doll MA, Stepp MW, States JC, Hein DW. Carcinogenesis. 2012 Feb;33(2):348-55. PMID: 22114069