

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

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

Application	WB, E
Primary Accession	P18440
Other Accession	NP_000653.3 , NP_001153647.1 , 9
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

Dilution

WB~~1:1000

E~~N/A

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.

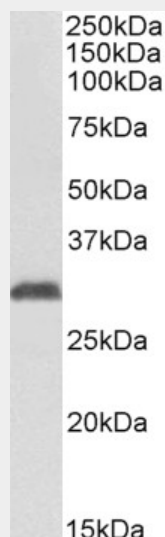
Cellular Location

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