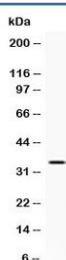


## NAT1 Antibody (R32694)

Catalog No.	Formulation	Size
R32694	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	P18440
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This NAT1 antibody is available for research use only.



Western blot testing of human A431 cell lysate with NAT1 antibody at 0.5ug/ml.  
Predicted molecular weight ~34 kDa.

## Description

N-acetyltransferase 1 (arylamine N-acetyltransferase) is a protein that in humans is encoded by the NAT1 gene. This gene is one of two arylamine N-acetyltransferase (NAT) genes in the human genome, and is orthologous to the mouse and rat Nat2 genes. The enzyme encoded by this gene catalyzes the transfer of an acetyl group from acetyl-CoA to various arylamine and hydrazine substrates. This enzyme helps metabolize drugs and other xenobiotics, and functions in folate catabolism. Multiple transcript variants encoding different isoforms have been found for this gene.

## Application Notes

Optimal dilution of the NAT1 antibody should be determined by the researcher.

## Immunogen

Amino acids 172-201 (NEEFLHSDLLEDSKYRKIYSFTLKPRTIED) from the human protein were used as the immunogen for the NAT1 antibody.

## Storage

After reconstitution, the NAT1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.