Product Name: NAT1 Rabbit Monoclonal Antibody
Catalog #: AMRe02305

Summary

Production Name	NAT1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	NAT1
Alternative Names	AAC1; MNAT; NATI; NAT-1
Gene ID	9
SwissProt ID	P18440

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

Background

Product Name: NAT1 Rabbit Monoclonal Antibody
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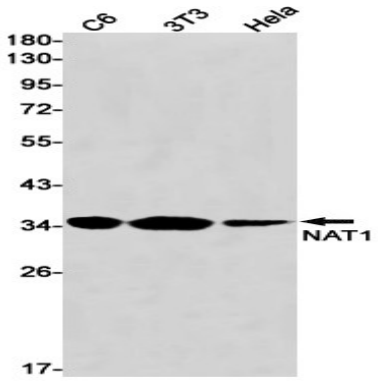
Participates in the detoxification of a plethora of hydrazine and arylamine drugs. Catalyzes the N- or O-acetylation of various arylamine and heterocyclic amine substrates and is able to bioactivate several known carcinogens.MiscellaneousNAT1 was historically considered to be monomorphic in nature but reports of allelic variations at the NAT1 locus suggest that it is a polymorphically expressed enzyme.CautionThe allelic variation Ile-149 designated as NAT1*17 is part of the NAT1*11 allelic variation as reported by the nomenclature committee.

Research Area

Signal Transduction

Image Data



Western blot analysis of NAT1 in C6, 3T3, Hela lysates using NAT1 antibody.

Note

For research use only.