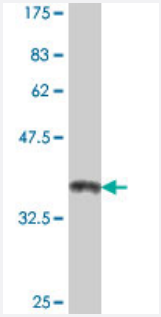
NAT1 polyclonal antibody (A01)

Catalog # H00000009-A01 Size 50 uL

Applications



Western Blot detection against Immunogen (36.01 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant NAT1.
Immunogen	NAT1 (NP_000653, 201 a.a. ~ 290 a.a) partial recombinant protein with GST tag.
Sequence	DFESMNTYLQTSPSSVFTSKSFCSLQTPDGVHCLVGFTLTHRRFNYKDNTDLIEFKTLSEEEIEKV LKNIFNISLQRKLVPKHGDRFFTI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (81)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.01 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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- ELISA
- Western Blot (Recombinant protein)

  Protocol Download

Gene Info — NAT1

Entrez GeneID	9
GeneBank Accession#	NM_000662
Protein Accession#	NP_000653
Gene Name	NAT1
Gene Alias	AAC1, NATI
Gene Description	N-acetyltransferase 1 (arylamine N-acetyltransferase)
Omim ID	108345
Gene Ontology	Hyperlink
Gene Summary	This gene is one of two arylamine N-acetyltransferase (NAT) genes in the human geneome, and i s orthologous to the mouse and rat Nat2 genes. The enzyme encoded by this gene catalyzes the t ransfer of an acetyl group from acetyl-CoA to various arylamine and hydrazine substrates. This en zyme helps metabolize drugs and other xenobiotics, and functions in folate catabolism. Multiple tr anscript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	N-acetyltransferase 1|OTTHUMP00000122488|arylamide acetylase 1 (N-acetyltransferase 1)|aryl amine N-acetyltransferase 1

Pathway

- Caffeine metabolism
- Drug metabolism - other enzymes
- Metabolic pathways

Disease

- Abnormalities

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- Adenocarcinoma
- Adenoma
- Alcoholism
- Alzheimer disease
- Amnesia
- Asthma
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Cholangiocarcinoma
- Chromosome Aberrations
- Cleft Lip
- Cleft Palate
- Clubfoot
- Cognition Disorders
- Colitis
- Colon cancer
- Colonic Neoplasms
- Colonic Polyps
- Colorectal Neoplasms
- Congenital Abnormalities
- Connective Tissue Diseases
- Crohn Disease
- Dermatitis
- Diabetes Mellitus

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- Disease Susceptibility
- DNA Damage
- Edema
- Endometriosis
- Esophageal Neoplasms
- Eye Diseases
- Fetal Diseases
- Genetic Predisposition to Disease
- Genomic Instability
- Head and Neck Neoplasms
- Hepatitis B
- Hepatitis C
- Hypersensitivity
- Infection
- Inflammation
- Jaw Abnormalities
- Kidney Failure
- Laryngeal Neoplasms
- Leukemia
- Limb Deformities
- Liver Neoplasms
- Lung carcinoma
- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Mesothelioma

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- Micronuclei
- Motor Neuron Disease
- Multiple Chemical Sensitivity
- Multiple Myeloma
- Musculoskeletal Diseases
- Neoplasm Recurrence
- Neoplasms
- Neuroblastoma
- Neuropsychological Tests
- Ovarian cancer
- Pancreatic cancer
- Pancreatic Neoplasms
- Pleural Neoplasms
- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Pulmonary Disease
- Rectal Neoplasms
- Respiratory Tract Diseases
- Skin Diseases
- Spinal Dysraphism
- Stomach Neoplasms
- Urinary Bladder Neoplasms

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