DNAxPAb | Hard-to-Find Antibody

NAT2 DNAxPab

Catalog # H00000010-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NAT2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDIEAYFERIGYKNSRNKLDLETLTDILEHQIRAVPFENLNMHCGQAMELGLEAIFDHIVRRNRGGW CLQVNQLLYWALTTIGFQTTMLGGYFYIPPVNKYSTGMVHLLLQVTIDGRNYIVDAGSGSSSQMWQ PLELISGKDQPQVPCIFCLTEERGIWYLDQIRREQYITNKEFLNSHLLPKKKHQKIYLFTLEPQTIEDF ESMNTYLQTSPTSSFITTSFCSLQTPEGVYCLVGFILTYRKFNYKDNTDLVEFKTLTEEEVEEVLKNI FKISLGRNLVPKPGDGSLTI
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (74)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry (Transfected cell)

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- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

Gene Info — NAT2

Entrez GeneID	10
GeneBank Accession#	BC015878.1
Protein Accession#	AAH15878.1
Gene Name	NAT2
Gene Alias	AAC2, PNAT
Gene Description	N-acetyltransferase 2 (arylamine N-acetyltransferase)
Omim ID	243400
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that functions to both activate and deactivate arylamine and hydraz ine drugs and carcinogens. Polymorphisms in this gene are responsible for the N-acetylation poly morphism in which human populations segregate into rapid, intermediate, and slow acetylator ph enotypes. Polymorphisms in this gene are also associated with higher incidences of cancer and d rug toxicity. A second arylamine N-acetyltransferase gene (NAT1) is located near this gene (NAT 2). [provided by RefSeq
Other Designations	N-acetyltransferase 2|arylamide acetylase 2|arylamine N-acetyltransferase 2

Pathway

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

Disease

- Abnormalities

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- Acute Disease
- Adenocarcinoma
- Adenoma
- Adenomatous Polyposis Coli
- Alveolar Bone Loss
- Alzheimer disease
- Aneuploidy
- Arthritis
- Asthma
- Astrocytoma
- Atherosclerosis
- Behcet Syndrome
- Birth Weight
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Carcinoma
- Cardiovascular Diseases
- Cataract
- Cell Transformation
- Cholangiocarcinoma
- Chromosome Aberrations
- Cleft Lip
- Cleft Palate
- Clubfoot

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- Cocarcinogenesis
- Colitis
- Colon cancer
- Colonic Neoplasms
- Colonic Polyps
- Colorectal Neoplasms
- Congenital Abnormalities
- Connective Tissue Diseases
- Crohn Disease
- Cystic fibrosis
- Dementia
- Dermatitis
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- DNA Damage
- Drug Hypersensitivity
- Drug-Induced Liver Injury
- Ductus Arteriosus
- Edema
- Endometriosis
- Esophageal Neoplasms
- Fetal Diseases
- Food Hypersensitivity
- Gallbladder Neoplasms
- Gallstones

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- Genetic Diseases
- Genetic Predisposition to Disease
- Genomic Instability
- Glioma
- Glomerulonephritis
- Head and Neck Neoplasms
- Hearing Disorders
- Hearing Loss
- Hepatitis
- Hepatitis B
- HIV Infections
- HIV Seropositivity
- Hypersensitivity
- Hypertension
- Infant
- Infection
- Inflammation
- Inflammatory Bowel Diseases
- Jaw Abnormalities
- Kidney Failure
- Kidney Neoplasms
- Laryngeal Neoplasms
- Leukemia
- Leukoplakia
- Limb Deformities
- Liver Cirrhosis

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- Liver Diseases
- Liver Neoplasms
- Lung carcinoma
- Lung Neoplasms
- Lupus Erythematosus
- Lymphatic Metastasis
- Lymphoma
- Macular Degeneration
- Meningeal Neoplasms
- Meningioma
- Mesothelioma
- Microsatellite Instability
- Motor Neuron Disease
- Mouth Neoplasms
- Multiple Chemical Sensitivity
- Multiple Myeloma
- Musculoskeletal Diseases
- Nasopharyngeal Neoplasms
- Neoplasm Invasiveness
- Neoplasm Recurrence
- Neoplasms
- Neural Tube Defects
- Neurodegenerative Diseases
- Obstetric Labor
- Occupational Diseases
- Oropharyngeal Neoplasms

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- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Pancreatitis
- Papillomavirus Infections
- Parkinson disease
- Pharyngeal Neoplasms
- Pleural Neoplasms
- Pneumonia
- Polymyalgia Rheumatica
- Pregnancy Complications
- Premature Birth
- Presbycusis
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Psoriasis
- Pulmonary Disease
- Rectal Neoplasms
- Rhinitis
- Schistosomiasis
- Scleroderma
- Sigmoid Neoplasms
- Skin Diseases

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- Small Cell Lung Carcinoma
- Spinal Dysraphism
- Stomach Neoplasms
- Thyroid Neoplasms
- Tobacco Use Disorder
- Trisomy
- Tuberculosis
- Urinary Bladder Neoplasms
- Urologic Neoplasms
- Uterine Cervical Neoplasms

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