NOS2/NOS1 monoclonal antibody, clone K13-A

Catalog # MAB15904 Size 50 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of mouse brain crude lysate with NOS2/NOS1 monoclonal antibody, clone K13-A (Cat # MAB15904).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NOS2/NOS1.
Immunogen	A synthetic peptide corresponding to amino acids 1119-1129 at C-terminus of human iNOS.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	EVAC purification
Isotype	IgG
Recommend Usage	ELISA (1:20000-1:50000) Immunoprecipitation Western Blot (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (10 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Immunoprecipitation
- Western Blot (Tissue lysate)

  Western Blot analysis of mouse brain crude lysate with NOS2/NOS1 monoclonal antibody, clone K13-A (Cat # MAB15904).

Gene Info — NOS1

Entrez GeneID	4842
Protein Accession#	P35228;P29475
Gene Name	NOS1
Gene Alias	IHPS1, NOS, nNOS
Gene Description	nitric oxide synthase 1 (neuronal)
Omim ID	163731 179010
Gene Ontology	Hyperlink
Gene Summary	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, inclu ding neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized fro m L-arginine by nitric oxide synthases. This gene encodes a nitric oxide synthase which is highly expressed in skeletal muscle. Genetic variations in this gene are associated with infantile hypertr ophic pyloric stenosis type 1
Other Designations	neuronal nitric oxide synthase

Gene Info — NOS2

Entrez GeneID	4843
Protein Accession#	P35228;P29475
Gene Name	NOS2

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Alias	HEP-NOS, INOS, NOS, NOS2A
Gene Description	nitric oxide synthase 2, inducible
Omim ID	145500 163730 248310 611162
Gene Ontology	Hyperlink
Gene Summary	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq
Other Designations	NOS, type II|nitric oxide synthase 2A|nitric oxide synthase 2A (inducible, hepatocytes)|nitric oxide synthase, macrophage

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Amyotrophic lateral sclerosis (ALS)
- Arginine and proline metabolism
- Arginine and proline metabolism
- Calcium signaling pathway
- Calcium signaling pathway
- Long-term depression
- Long-term depression
- Metabolic pathways
- Metabolic pathways
- Pathways in cancer
- Pathways in cancer
- Small cell lung cancer
- Small cell lung cancer

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Disease

- Acute Disease
- Acute Disease
- Adenocarcinoma
- Albuminuria
- Alcoholism
- alpha 1-Antitrypsin Deficiency
- Alpha-1-antitrypsin deficiency
- Alzheimer disease
- Alzheimer disease
- Anemia
- Anemia
- Angina
- Angina Pectoris
- Arthritis
- Asthma
- Asthma
- Attention
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Autistic Disorder
- Barrett Esophagus
- Behcet Syndrome
- beta-Thalassemia
- beta-Thalassemia

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Biliary Tract Neoplasms
- Bipolar Disorder
- Birth Weight
- Birth Weight
- Brain Infarction
- Brain Ischemia
- Brain Neoplasms
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchial Hyperreactivity
- Bronchiolitis
- Bronchiolitis
- Brucellosis
- Carcinoma
- Cardiovascular Diseases
- Cardiovascular Diseases
- Cerebral Palsy
- Chagas Disease
- Chest Pain
- Chlamydia Infections
- Chorioamnionitis
- Chronic Disease
- Cluster Headache
- Cluster Headache

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Cognition
- Cognition
- Cognition Disorders
- Cognition Disorders
- Colitis
- Colitis
- Colorectal Neoplasms
- Constipation
- Coronary Artery Disease
- Coronary Disease
- Coronary Disease
- Crohn Disease
- Cystic fibrosis
- Cystic Fibrosis
- Death
- Depressive Disorder
- Diabetes Complications
- Diabetes Mellitus
- Diabetes Mellitus
- Diabetic Nephropathies
- Diabetic Nephropathies
- Diabetic Neuropathies
- Diabetic Neuropathies
- Diabetic Retinopathy
- Disease Progression
- Disease Susceptibility

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Ductus Arteriosus
- Dyskinesia
- Edema
- Edema
- Erythema Nodosum
- Esophageal Achalasia
- Esophageal Achalasia
- Esophageal Neoplasms
- Esophagitis
- Fetal Membranes
- Fibrosis
- Gastritis
- Genetic Diseases
- Genetic Predisposition to Disease
- Genetic Predisposition to Disease
- Glaucoma
- Glioblastoma
- Glioblastoma
- Glioma
- Glioma
- Glucosephosphate Dehydrogenase Deficiency
- Guillain-Barre Syndrome
- Helicobacter Infections
- Hepatitis
- Hepatitis C
- HIV Infections

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- HIV Infections
- Hypersensitivity
- Hypersensitivity
- Hypertension
- Hypertension
- Infant
- Infant
- Inflammation
- Inflammatory Bowel Diseases
- Intracranial Aneurysm
- Kidney Diseases
- Kidney Failure
- Leukemia
- Leukemia
- Lewy Body Disease
- Liver Cirrhosis
- Lung Neoplasms
- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Lymphoma
- Macular Degeneration
- Maduromycosis
- Malaria
- Malignant melanoma

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Melanoma
- Melanoma
- Memory
- Meningeal Neoplasms
- Meningeal Neoplasms
- Meningioma
- Meningioma
- Mental Disorders
- Mental Disorders
- Metabolic Syndrome X
- Migraine Disorders
- Migraine Disorders
- Mucocutaneous Lymph Node Syndrome
- Multiple Sclerosis
- Multiple Sclerosis
- Myocardial Ischemia
- Nasal Polyps
- Neoplasms
- Neovascularization
- Nephritis
- Nephrosis
- Neuropsychological Tests
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Occupational Diseases
- Occupational Diseases

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Osteomyelitis
- Osteoporosis
- Otitis Media
- Ovarian cancer
- Ovarian Neoplasms
- Pain
- Papillomavirus Infections
- Parasitemia
- Parkinson disease
- Parkinson Disease
- Personality Disorders
- Pneumococcal Infections
- Postmortem Changes
- Postoperative Complications
- Precancerous Conditions
- Pre-Eclampsia
- Premature Birth
- Priapism
- Prostate cancer
- Prostatic Neoplasms
- Pseudomonas Infections
- Psoriasis
- Psychometrics
- Psychomotor Performance
- Pulmonary Disease
- Pulmonary Disease

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Purpura
- Pyloric Stenosis
- Radiation Injuries
- Radiation Pneumonitis
- Recurrence
- Respiratory Hypersensitivity
- Respiratory Syncytial Virus Infections
- Respiratory Syncytial Virus Infections
- Restless Legs Syndrome
- Sarcoidosis
- Schizophrenia
- Schizophrenic Psychology
- Scleroderma
- Sickle Cell Trait
- Silicosis
- Skin Neoplasms
- Skin Neoplasms
- Spinal Dysraphism
- Spinal Dysraphism
- Stomach Neoplasms
- Stroke
- Syndrome
- Temporal Arteritis
- Thalassemia
- Thalassemia
- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Trachoma
- Tuberculosis
- Urinary Bladder Neoplasms
- Urologic Neoplasms
- Uterine Cervical Neoplasms
- Viremia
- Werner syndrome

Copyright © 2023 Abnova Corporation. All Rights Reserved.