

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.

Note

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

Applications

- Western Blot (Tissue lysate)

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

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NOS1

Entrez GeneID	4842
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Protein Accession#	P35228;P29475
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Gene Name	NOS1
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Gene Alias	lHPS1, NOS, nNOS
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Gene Description	nitric oxide synthase 1 (neuronal)
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Omim ID	163731 179010
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Gene Ontology	Hyperlink
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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. Nitric oxide is synthesized from 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 hypertrophic pyloric stenosis type 1
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Other Designations	neuronal nitric oxide synthase
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Gene Info — NOS2

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

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](#)

- [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](#)

- [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](#)

- [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](#)

- [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](#)

- [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](#)

- [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](#)

- [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](#)

- [Trachoma](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Urologic Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)