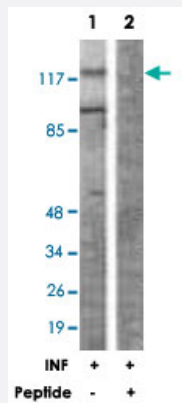


NOS1 polyclonal antibody

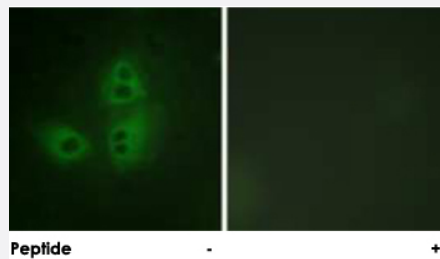
Catalog # PAB18194 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from Raw 264.7 cells, treated with INF (2500 U/mL, 10 mins), using NOS1 polyclonal antibody (Cat # PAB18194). Peptide "+" means "peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, using NOS1 polyclonal antibody (Cat # PAB18194). Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NOS1.
Immunogen	A synthetic peptide corresponding to residues surrounding S852 of human NOS1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to NOS1.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% 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 (Cell lysate)

Western blot analysis of extracts from Raw 264.7 cells, treated with INF (2500 U/mL, 10 mins), using NOS1 polyclonal antibody (Cat # PAB18194).

Peptide "+" means "peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using NOS1 polyclonal antibody (Cat # PAB18194).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NOS1

Entrez GeneID	4842
Protein Accession#	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, 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

Other Designations

neuronal nitric oxide synthase

Pathway

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

Disease

- [Acute Disease](#)
- [Alcoholism](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Asthma](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [beta-Thalassemia](#)

- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Chest Pain](#)
- [Chronic Disease](#)
- [Cluster Headache](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Constipation](#)
- [Coronary Disease](#)
- [Cystic fibrosis](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Neuropathies](#)
- [Dyskinesia](#)
- [Edema](#)
- [Esophageal Achalasia](#)
- [Genetic Predisposition to Disease](#)

- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Memory](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Nephrosis](#)
- [Neuropsychological Tests](#)
- [Occupational Diseases](#)
- [Parkinson disease](#)
- [Personality Disorders](#)
- [Postmortem Changes](#)
- [Pseudomonas Infections](#)
- [Psychometrics](#)
- [Psychomotor Performance](#)

- [Pulmonary Disease](#)
- [Pyloric Stenosis](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Syncytial Virus Infections](#)
- [Restless Legs Syndrome](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Skin Neoplasms](#)
- [Spinal Dysraphism](#)
- [Syndrome](#)
- [Thalassemia](#)
- [Tobacco Use Disorder](#)