

NOS1/ nNOS Antibody NOS1/ nNOS Antibody Catalog # ASM10698

Specification

NOS1/ nNOS Antibody - Product Information

Primary Accession Other Accession Host Clonality Target/Specificity NOS1

P29475 NP_000611.1 Mouse Monoclonal

Other Names

BNOS Antibody, Constitutive NOS Antibody, IHPS 1 Antibody, IHPS1 Antibody, N-NOS Antibody, NC-NOS Antibody, neuronal Nitric Oxide Synthase Antibody, Neuronal NOS Antibody, Nitric oxide synthase neuronal included Antibody, Nitric oxide synthase 1 (neuronal) Antibody, Nitric oxide synthase 1 Antibody, NNOS Antibody, NO Antibody, NOS 1 Antibody, NOS Antibody, NOS type I Antibody, NOS-I Antibody, NOS1 Antibody, NOS1 Antibody

Immunogen

Partial Human Recombinant NOS1 Protein

PurificationProtein A Purified

Storage -20°C

Storage Buffer

PBS pH 7.4, 50% glycerol, 0.09% Sodium azide *Storage buffer may change when conjugated

Shipping Temperature

Blue Ice or 4ºC

Certificate of Analysis

A 1:1000 dilution of SMC-609 was sufficient for detection of NOS1/Nnos in 7.5 ug of Mouse Brain Cerebellum by ECL immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.

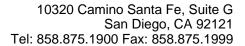
Cellular Localization

Cell Membrane

NOS1/ nNOS Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation





• Flow Cytomety

Cell Culture

NOS1/ nNOS Antibody - Images

NOS1/ nNOS Antibody - Background

nNOS/NOS I, also known as NC-NOS, or NOS type I, or Neuronal NOS, or produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. Nitric oxide production is mediated by members of the nitric oxide synthase (NOS) family. NOS catalyzes the oxidization of L-arginine to produce L-citrulline and NO. There are two constitutive isoforms, brain or neuronal NOS (b or nNOS, type I) & endothelial cell NOS (eNOS, type III), and one inducible isoform (iNOS, type II).