

NOS1/ nNOS Antibody
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Catalog # ASM10698**Specification**

NOS1/ nNOS Antibody - Product Information

Primary Accession [P29475](#)
Other Accession [NP_000611.1](#)
Host **Mouse**
Clonality **Monoclonal**
Target/Specificity
NOS1

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_HUMAN Antibody

Immunogen

Partial Human Recombinant NOS1 Protein

Purification

Protein 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 4°C**

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](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [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).