

Datasheet

NOS1 polyclonal antibody

Catalog Number: PAB15602

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against partial recombinant NOS1.

Immunogen: Recombinant protein corresponding to C-terminus of human NOS1.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: ELISA, IHC-P, WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This sequence is conserved in human and rat eNOS, and has low homology to other NOS family members.

Form: Liquid

Recommend Usage: ELISA (1:2000)

Western Blot (1:500)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (50% glycerol, 1 mg/mL BSA, 0.05% sodium azide)

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4842

Gene Symbol: NOS1

Gene Alias: IHPS1, NOS, nNOS

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]