

Anti-NOS1 antibody

Cat. No.	ml262846
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-NOS1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human NOS1
Reactivity	Human, Mouse, Rat
Content	0.9 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	NOS1
Full name	nitric oxide synthase 1 (neuronal)
Synonyms	NOS; bNOS; nNOS; IHPS1; N-NOS; NC-NOS
Swissprot	P29475

Target Background

The protein encoded by this gene belongs to the family of nitric oxide synthases, which synthesize nitric oxide from L-arginine. Nitric oxide is a reactive free radical, which acts as a biologic mediator in several processes, including neurotransmission, and antimicrobial and antitumoral activities. In the brain and peripheral nervous system, nitric oxide displays many properties of a neurotransmitter, and has been implicated in neurotoxicity associated with stroke and neurodegenerative diseases, neural regulation of smooth muscle, including peristalsis, and penile erection. This protein is ubiquitously expressed, with high level of expression in skeletal muscle. Multiple transcript variants that differ in the 5' UTR have been described for this gene but the full-length nature of these transcripts is not known. Additionally, alternatively spliced transcript variants encoding different isoforms (some testis-specific) have been found for this gene.

订购热线: 4008-898-798

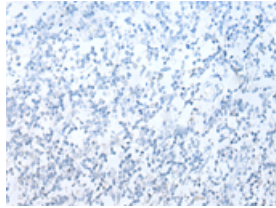
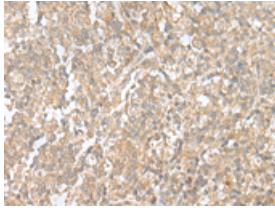
Applications

Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human tonsil

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml262846(NOS1 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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