

NOS1 Antibody

Catalog No: #43310

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Description

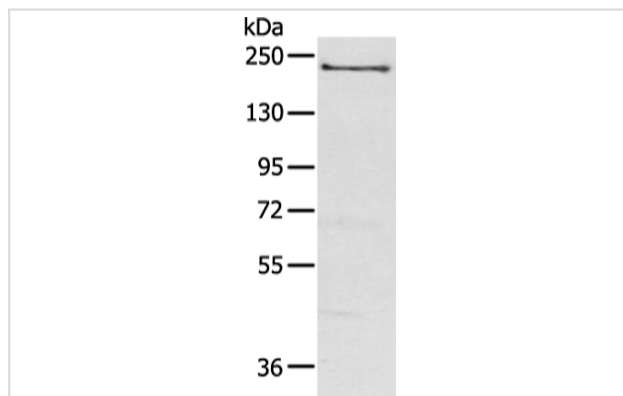
Product Name	NOS1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NOS1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human NOS1
Target Name	NOS1
Other Names	NOS; bNOS; nNOS; IHPS1; N-NOS; NC-NOS
Accession No.	Swiss-Prot#: P29475Gene ID: 4842
Uniprot	P29475
GeneID	4842;
Calculated MW	161kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:30-1:150

Images



Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: Mouse brain tissue
Primary antibody: 1/200 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute

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.

Note: This product is for in vitro research use only