

Rabbit anti-Human Nitric Oxide Synthase 1, Neuronal (NOS1) Polyclonal Antibody | anti-NOS1 antibody

Polyclonal Antibody to Nitric Oxide Synthase 1, Neuronal (NOS1)

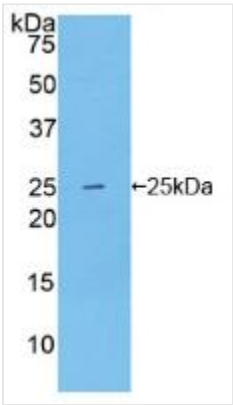
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130949	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

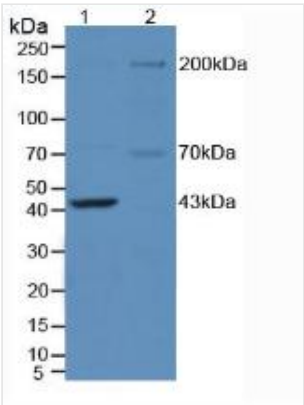
Nitric Oxide Synthase 1; Neuronal (NOS1); Polyclonal Antibody; Polyclonal Antibody to Nitric Oxide Synthase 1; anti-NOS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NOS1. It has been selected for its ability to recognize NOS1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGS-IVSYRTRDGE GPIHHGVCSS WLNRIQADEL VPCFVRGAPS FHLPRNPQVP CILVGPGTGI APFRSFWQQR QFDIQHKGMN PCPMVLVFGC RQSKIDHIYR EETLQAKNKG VFRELYTAYS REPDKPKKYV QDILQEQLAE SVYRALKEQG GHIYVCGDVT MAADV LKAIQ RIMTQQGKLS AEDAGVFISR MRDDNRYHEDI
Sequence Length	1434
Applicable Applications for anti-NOS1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant NOS1 (Ile1199-Ile1399) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Western Blot: Sample: Recombinant NOS1, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Mouse Brain Tissue; Lane2: Mouse Testis Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835173
NCBI GeneID	4842
NCBI Accession #	NP_000611.1
NCBI GenBank Nucleotide #	NM_000620.4
UniProt Accession #	P29475; O75713; E9PH30
Molecular Weight	164,779 Da
NCBI Official Full Name	nitric oxide synthase, brain isoform 1
NCBI Official Synonym Full Names	nitric oxide synthase 1
NCBI Official Symbol	NOS1
NCBI Official Synonym Symbols	NOS; bNOS; nNOS; IHPS1; N-NOS; NC-NOS
NCBI Protein Information	nitric oxide synthase, brain
UniProt Protein Name	Nitric oxide synthase, brain
UniProt Gene Name	NOS1
UniProt Synonym Gene Names	N-NOS; nNOS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.