

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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132155	Rabbit	Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

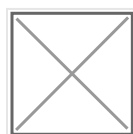
PRODUCT SYNONYMS

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

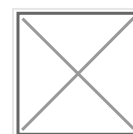
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
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 HHHHHHSGSE F-EQSGLIQA GDILAVNDR PLVDLSYDSA LEVLRGIASE THVVLILRGP EGFTTHLETT FTGDGTPKTI RVTQPLGTPT KAVDLSRQPS ASKDQPLAVD RVPGPSNGPQ HAQGRGQGAG SVSQANGVAI DPTMKNTKAN LQDSGEQDEL LKEIEPVLSI LTGGGKAVNR GGPAKAEMKD TGIQVDRDLG KGLHKAP
Sequence Length	1434
Applicable Applications for anti-NOS1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant NOS1 (Glu53-Pro247) expressed in E.coli.
Cross Reactivity	Mouse
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.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue.



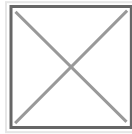
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Uterus Tissue

**IHC (Immunohistochemisry)**

DAB staining on IHC-P; Samples: Mouse Brain Tissue.

**WB (Western Blot)**

Western Blot: Sample: Recombinant NOS1, Mouse.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Mouse Brain Tissue; Lane2: Mouse Cerebellum Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6724321
NCBI GeneID	18125
NCBI Accession #	NP_032738.1
NCBI GenBank Nucleotide #	NM_008712.3
UniProt Accession #	Q9Z0J4; Q3UR10; Q64208
Molecular Weight	164,343 Da
NCBI Official Full Name	nitric oxide synthase, brain
NCBI Official Synonym Full Names	nitric oxide synthase 1, neuronal
NCBI Official Symbol	Nos1
NCBI Official Synonym Symbols	NO; NOS; bNOS; nNOS; N-NOS; NOS-I; Nos-1; NC-NOS; 2310005C01Rik
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nitric-oxide-synthase-1-neuronal-nos1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132155>