

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

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133829	Rabbit	Rat, Human, 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

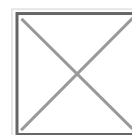
Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NOS1. It has been selected for its ability to recognize NOS1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.32mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and the sequence is listed below. MG HHHHHHSGSE F-QQIQPNVI SVRLFKRKVG GLGFLVKERV SKPPVIISDL IRGGAAEQSG LIQAGDIILA VNDRLPLDLS YDSALEVLRG IASETHVLI LRGPEGFTTH LETTFTGDGT PKTIRVTQPL GPPTKAVDLS
Sequence Length	1434
Applicable Applications for anti-NOS1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant NOS1 (Gln9~Ser136) expressed in E.coli.
Cross Reactivity	Mouse, Rat
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: Rat Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Mouse Cerebellum lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat NOS1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	16258811
NCBI GeneID	24598
NCBI Accession #	NP_434686.1
NCBI GenBank Nucleotide #	NM_052799.1
UniProt Accession #	P29476; P70594
Molecular Weight	164,430 Da
NCBI Official Full Name	nitric oxide synthase, brain
NCBI Official Synonym Full Names	nitric oxide synthase 1
NCBI Official Symbol	Nos1
NCBI Official Synonym Symbols	bNOS
NCBI Protein Information	nitric oxide synthase, brain
UniProt Protein Name	Nitric oxide synthase, brain
UniProt Gene Name	Nos1
UniProt Synonym Gene Names	Bnos; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nitric-oxide-synthase-1-neuronal-nos1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133829>