

nNOS Antibody | anti-nNOS antibody

nNOS (Ab-852) Antibody

CATALOG # AAA111667	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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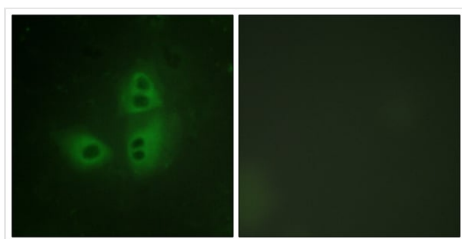
PRODUCT SYNONYMS

nNOS; nNOS (Ab-852) Antibody; BNOS; Constitutive NOS; EC 1.14.13.39; N-NOS; NC-NOS; NOS; type I; NOS1; Neuronal NOS; Nitric-oxide synthase; brain; bNOS; anti-nNOS antibody

PRODUCT SPECIFICATIONS

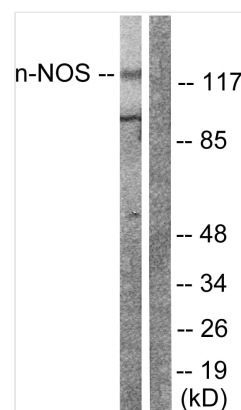
Reactivity	Human, Mouse, Rat
Specificity	n-NOS (Ab-852) antibody detects endogenous levels of total n-NOS protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1463
Applicable Applications for anti-nNOS antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human n-NOS around the phosphorylation site of serine 852 (F-N-SP-V-S).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Peptide-+ Western blot analysis of extracts from RAW264.7 cells, treated with INF (2500u/ml, 10mins), using n-NOS (Ab-852) antibody. Immunofluorescence analysis of HeLa cells, using n-NOS (Ab-852) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-nNOS antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Bredt D.S., Nature 351:714-718(1991). Magee T., Biochem. Biophys. Res. Commun. 226:145-151(1996). Uvarov V.Y., Biochem. Biophys. Res. Commun. 206:736-741(1995).

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/human-mouse-rat-antibody/nnos/111667>