

Rabbit eNos Polyclonal Antibody | anti-NOS3 antibody

eNos Antibody (S1177)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283799	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)	Immunofluorescence, Flow Cytometry, Functional Assay, ELISA, Western Blot

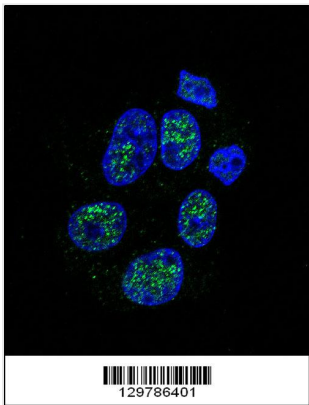
PRODUCT SYNONYMS

eNos; Polyclonal Antibody; eNos Antibody (S1177); Nitric oxide synthase; endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII; NOS3; anti-NOS3 antibody

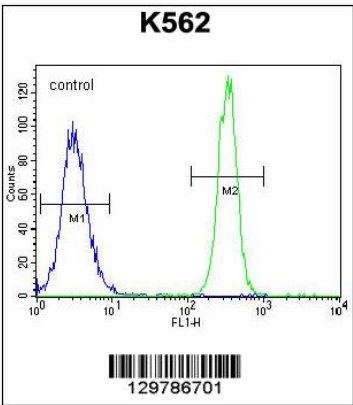
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This eNos antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1156-1183 amino acids from human eNos.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	1156-1183
Sequence Length	614
Applicable Applications for anti-NOS3 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

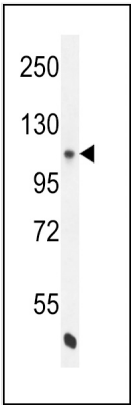
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of eNos Antibody (S1177) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)
eNos Antibody (S1177) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
eNos Antibody (S1177) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the eNos antibody detected the eNos protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NOS3 antibody	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-NOS3 antibody	Cancer; Cardiovascular; Cell Biology; Metabolism; Neuroscience; Signal Transduction
References	Yanamandra, K., et al. Ophthalmic Genet. 31(4):173-177(2010) Bambha, K., et al. Mayo Clin. Proc. 85(9):814-820(2010) Shin, S.J., et al. Eur. J. Obstet. Gynecol. Reprod. Biol. 152(1):64-67(2010) Kim, S.M., et al. Kardiolog 68(8):920-926(2010) Dafni, C., et al. BMC Med. Genet. 11, 133 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254422
NCBI GeneID	4846

NCBI Accession #	NP_000594.2; NP_001153581.1; NP_001153582.1; NP_001153583.1
NCBI GenBank Nucleotide #	NM_000603.4
UniProt Accession #	P29474; Q13662; Q14251; Q14434; Q548C1; Q6GSL5; Q9UDC6; A0S0A7; A0S0A8; A8KA63; B2RCQ1; E9PFR2
Molecular Weight	133289
NCBI Official Full Name	nitric oxide synthase, endothelial isoform 1
NCBI Official Synonym Full Names	nitric oxide synthase 3 (endothelial cell)
NCBI Official Symbol	NOS3
NCBI Official Synonym Symbols	eNOS; ECNOS
NCBI Protein Information	nitric oxide synthase, endothelial
UniProt Protein Name	Nitric oxide synthase, endothelial
UniProt Gene Name	NOS3
UniProt Synonym Gene Names	cNOS; eNOS; NOSIII
UniProt Entry Name	NOS3_HUMAN

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://www.aaabiotech.com/polyclonal/enos-antibody-immunofluorescence-flow-cytometry-western-blot-elisa/283799>