

eNOS Antibody | anti-eNOS antibody

eNOS (Phospho-Ser615) Antibody

CATALOG # AAA109281	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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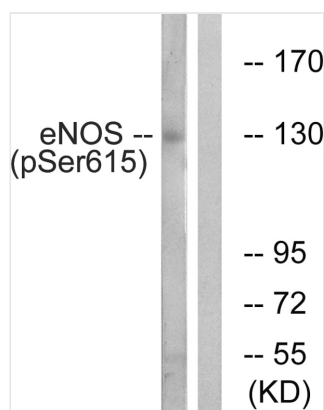
PRODUCT SYNONYMS

eNOS; eNOS (Phospho-Ser615) Antibody; Constitutive NOS; EC 1.14.13.39; EC-NOS; ECNOS; Endothelial NOS; NOS; type III; NOS3; NOSIII; Nitric-oxide synthase; endothelial; cNOS; anti-eNOS antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	eNOS (Phospho-Ser615) antibody detects endogenous levels of eNOS only when phosphorylated at serine 615.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1203
Applicable Applications for anti-eNOS antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human eNOS around the phosphorylation site of serine 615 (F-N-SP-I-S).
All Sites	Human: Ser615 Mouse: Ser614 Rat: Ser614
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells, treated with EGF (40nM, 30mins), using eNOS (Phospho-Ser615) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-eNOS antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Janssens S.P., J. Biol. Chem. 267:14519-14522(1992). Janssens S.P., J. Biol. Chem. 267:22694-22694(1992). Marsden P.A., FEBS Lett. 307:287-293(1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254422
NCBI GeneID	4846
NCBI Accession #	NP_000594.2
NCBI GenBank Nucleotide #	NM_000603.4
UniProt Accession #	P29474; Q13662; Q14251; Q14434; Q548C1; Q6GSL5; Q9UDC6; A0S0A7; A0S0A8; A8KA63; B2RCQ1; E9PFR2
Molecular Weight	67,862 Da
NCBI Official Full Name	nitric oxide synthase, endothelial isoform 1
NCBI Official Synonym Full Names	nitric oxide synthase 3
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

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/enos/109281>