Rabbit eNOS Polyclonal Antibody | anti-eNOS antibody

eNOS (Ab-1177) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302968	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Western Blot**

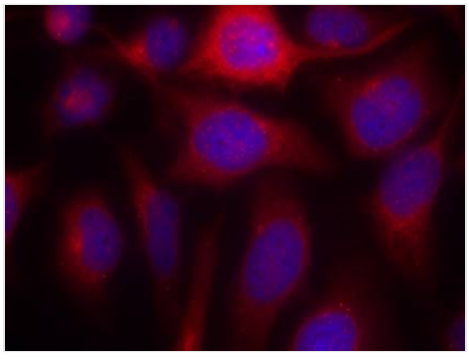
PRODUCT SYNONYMS

eNOS; Polyclonal Antibody; eNOS (Ab-1177) Antibody; Constitutive NOS; EC-NOS; ECNOS; NOS3; NOSIII; anti-eNOS antibody

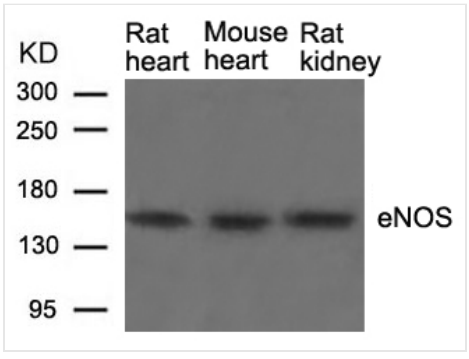
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total eNOS protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1203
Applicable Applications for anti-eNOS antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.1175~1179 (T-Q-S-F-S) derived from Human eNOS.
Target Name	eNOS
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed Hela cells using eNOS(Ab-1177) Antibody.



WB (Western Blot)
Western blot analysis of extracts from Rat heart, Mouse heart and Rat kidney tissue using eNOS(Ab-1177) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-eNOS antibody	Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.
Product Categories/Family for anti-eNOS antibody	Total protein Ab

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	67,876 Da
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-western-blot-elisa/302968