

Rabbit eNOS Antibody | anti-eNOS antibody

Rabbit anti eNOS antibody

CATALOG # AAA71381	HOST Rabbit	REACTIVITY Human, Rat, Mouse, Dog, Pig, Cow	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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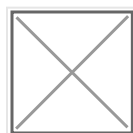
PRODUCT SYNONYMS

eNOS; Rabbit anti eNOS antibody; Rabbit anti-eNOS; Endothelial Nitric Oxide Synthase (eNOS); Nitric oxide synthase 3 (NOS3); anti-eNOS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse, Dog, Pig, Cow
Specificity	This antibody only recognizes ~130 kDa of human eNOS. It does not detect human inducible NOS or rat brain NOS. It also reacts with mouse and rat eNOS protein. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile phosphatebuffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-eNOS antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide corresponding to the internal sequence (residing in 550-650aa) of human eNOS protein. This sequence is identical among human, rat, mouse, bovine origins.
Positive Control	Placenta
Cellular Location	Cytoplasmic
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C - 8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-eNOS antibody	NOS catalyzes the oxidization of L-arginine to produce L-citrulline and NO. Nitric oxide (NO) is an inorganic, gaseous free radical that carries a variety of messages between cells. Vasorelaxation, neurotransmission and cytotoxicity can all be enhanced through cellular response to NO. NO production is mediated by members of the nitric oxide synthase (NOS) family. There are three types of NOS: two constitutive isoforms, brain or neuronal NOS (b or nNOS, type I) & endothelial cell NOS (eNOS, type III), and one inducible isoform (iNOS, type II). iNOS is found in a variety of cell types including macrophages, hepatocytes, synoviocytes, and smooth muscle cells. Cytokines such as interferon-gamma (IFN), tumor necrosis factor (TNF), interleukin-1 and -2, and lipopolysaccharides (LPS) cause an increase in iNOS mRNA, protein, and activity levels. The phosphorylation of eNOS by Protein kinase C was associated with an increase in NO production.
References	Louis J. Ignarro, Functional interaction of endothelial nitric oxide synthase with a voltage-dependent anion channel. Proc Natl Acad Sci U S A. 99 (20): 13108-13113, 2002.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148913721
UniProt Accession #	A6H544
Molecular Weight	140 kDa
NCBI Official Full Name	eNOS protein
UniProt Protein Name	ENOS protein
UniProt Gene Name	eNOS
UniProt Entry Name	A6H544_CALJA

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/rabbit-cow-dog-human-mouse-pig-rat-antibody/enos/71381>