

# Anti-NOS3 / eNOS Antibody

Rabbit Anti Human Polyclonal Antibody  
Catalog # ALS17664

## Product Information

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<b>Application</b>	IHC-P
<b>Primary Accession</b>	<a href="#">P29474</a>
<b>Predicted</b>	Human, Mouse, Rat, Pig, Bovine, Dog
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Calculated MW</b>	133275

## Additional Information

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<b>Gene ID</b>	4846
<b>Alias Symbol</b>	NOS3
<b>Other Names</b>	NOS3, Constitutive NOS, CNOS, Endothelial NOS, ECNOS, NOS type III, NOSIII, EC-NOS, ENOS, Nitric oxide synthase 3
<b>Target/Specificity</b>	C-terminus
<b>Reconstitution &amp; Storage</b>	Affinity purified
<b>Precautions</b>	Anti-NOS3 / eNOS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	NOS3 ( <a href="#">HGNC:7876</a> )
<b>Function</b>	Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway (PubMed: <a href="#">1378832</a> ). NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.
<b>Cellular Location</b>	Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus. Note=Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity
<b>Tissue Location</b>	Platelets, placenta, liver and kidney.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.