

**Anti-NOS3 / eNOS Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17622****Specification**

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**Anti-NOS3 / eNOS Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P29474</a>
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	133275

**Anti-NOS3 / eNOS Antibody - Additional Information****Gene ID** 4846**Alias Symbol** NOS3**Other Names**

NOS3, Constitutive NOS, CNOS, Endothelial NOS, ECNOS, NOS type III, NOSIII, EC-NOS, ENOS, Nitric oxide synthase 3

**Target/Specificity**

Recognizes mouse, rat and human eNOS.

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-NOS3 / eNOS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-NOS3 / eNOS Antibody - Protein Information****Name** NOS3 ([HGNC:7876](#))**Function**

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway (PubMed:<a href="http://www.uniprot.org/citations/1378832" target="\_blank">1378832</a>). NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

**Cellular Location**

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

**Tissue Location**

Platelets, placenta, liver and kidney.

**Anti-NOS3 / eNOS Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-NOS3 / eNOS Antibody - Images**