

Anti-NOS3 / eNOS Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17624

Specification

Anti-NOS3 / eNOS Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P29474
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

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: [1378832](http://www.uniprot.org/citations/1378832)). 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