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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). 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 Cytomety
- Cell Culture

Anti-NOS3 / eNOS Antibody - Images