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Anti-NOS3 / eNOS Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17664

Product Information

Application	IHC-P
Primary Accession	P29474
Predicted	Human, Mouse, Rat, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	133275

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	C-terminus
Reconstitution & Storage	Affinity purified
Precautions	Anti-NOS3 / eNOS Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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