

Anti-NOS3 / eNOS Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17622

Product Information

Application	WB, IHC-P
Primary Accession	P29474
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	133275
Concentration (mg/ml)	1 mg/ml

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.

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'.