

eNos Antibody (S1177) Blocking peptide

Synthetic peptide Catalog # BP11828a

Specification

eNos Antibody (S1177) Blocking peptide - Product Information

Primary Accession

P29474

eNos Antibody (S1177) Blocking peptide - Additional Information

Gene ID 4846

Other Names

Nitric oxide synthase, endothelial, Constitutive NOS, cNOS, EC-NOS, Endothelial NOS, eNOS, NOS type III, NOSIII, NOS3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

eNos Antibody (S1177) Blocking peptide - 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.

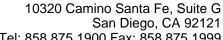
Cellular Location

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.

eNos Antibody (S1177) Blocking peptide - Protocols





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

• Blocking Peptides

eNos Antibody (S1177) Blocking peptide - Images

eNos Antibody (S1177) Blocking peptide - Background

The specific function of PRR19 remains unknown. There are 2 isoforms produced by alternative splicing.

eNos Antibody (S1177) Blocking peptide - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)