

**eNos Antibody (S1177) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11828a****Specification**

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**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:&lt;a href="http://www.uniprot.org/citations/1378832" target="\_blank"&gt;1378832&lt;/a&gt;). 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**

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)