

## Phospho-NOS3-S1177

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:100 - 1:200

**Calculated MW:** 140kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S1177 of human NOS3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

a

**Synonym:**

eNOS; ECNOS;

**Catalog #:** AP0421

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 4846

**Isotype:** IgG

**Swiss Prot:** P29474

**Purity:** Affinity purification

For research use only.

**Background:**

Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Multiple transcript variants encoding different isoforms have been found for this gene.

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