

**Product:** Anti-Nitric Oxide Synthase (C-terminus)  
**Catalog #:** 03-16059  
**Amount:** 50 ml

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**CATEGORY:** Guinea pig polyclonal  
**IMMUNOGEN:** Synthetic peptide from the C-terminus of rat cerebellar NO-synthase, conjugated to BSA  
**FORM:** Serum containing 0.09% sodium azide  
**DESCRIPTION/SPECIFICITY:** Nitric oxide synthase is an enzyme catalyzing the synthesis of NO from L-arginine. The antiserum was raised against a synthetic peptide of rat cerebellar NOS, that shows no homology with other related proteins. Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes the staining.  
**POSTIVE CONTROL:** Frozen sections of rat colon  
**SPECIES TESTED SO FAR:** Human, rat  
**APPLICATION (tested so far):** - Immunofluorescence  
- Immunohistochemistry, suitable for frozen and paraffin sections  
**WORKING DILUTION** 1:150 – 1:250 for immunofluorescence microscopy with overnight incubation at 2-8°C  
**DILUTION BUFFER:** 0.1 M PBS containing 1% BSA and 0.1% NaN<sub>3</sub>.  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCE:**  
Alm P et al. (1993) Acta Physiol Scand **148**: 421-429

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