

## Rabbit anti-Rat Nitric Oxide Synthase Polyclonal Antibody

**Catalog No.:** PS059

**Quantity:** 50  $\mu$ l

### Specificity

Nitric oxide synthase is an enzyme catalysing the synthesis of NO from L-arginine. This antiserum was raised against a synthetic fragment of rat cerebellar NO-synthase, that shows no homology with other related proteins. The antigen used for immunization was synthetic peptide from the C-terminal of cloned rat cerebella NO-synthase, coupled to BSA. The antibody reacts in rat and human frozen tissue. Absorption with 10-100  $\mu$ g immunogen per 1 ml. diluted antiserum abolishes the staining.

### Use

This polyclonal can be used in immunofluorescence and immunohistochemistry on frozen sections.

### Instructions for use

A working dilution 1:1000-1:1500 for immunofluorescence with overnight incubation at 4°C is advised but optimal dilution should be tested by serial dilutions. Dilution buffer: 0.15 M PBS with 1% BSA. As positive control rat colon frozen section is recommended.

### Presentation

50  $\mu$ l undiluted, freeze-dried antiserum. Reconstitute first with 50-100  $\mu$ l distilled water, and dilute further with 0.1 M PBS with 1% BSA and 0.1% sodium azide.

### Literature

- Alm, P., et al., 1993, Acta Physiol. Scand. 148, 421-429.

**FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.**



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