



# Anti-Nitric Oxide Synthase (C-terminal) polyclonal antibody (DPAB2364)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Nitric Oxide Synthase (c-terminus)
<b>Specificity</b>	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 d
<b>Immunogen</b>	Synthetic peptide from the C-terminus of rat cerebellar NO-synthase, coupled to BSA
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IF-Fr
<b>Positive Control</b>	Frozen sections of rat colon
<b>Format</b>	Undiluted serum (lyoph.)
<b>Buffer</b>	Dissolve the antiserum in 50-100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN <sub>3</sub> .
<b>Preservative</b>	None
<b>Storage</b>	At 2°C-8°C (undiluted) or at -20°C (aliquots)

## BACKGROUND

**Introduction** NOS oxidizes a guanidine nitrogen of arginine releasing nitric oxide in the form of a free radical and citrulline. Nitric oxide thus generated acts as a messenger in diverse functions including vasodilation neurotransmission, anti-tumor and anti-pathogeni

**Keywords** NOSs; Nitric Oxide Synthase (C-terminus); N NOS; Neuronal NOS; Nitric oxide synthase 1; Nitric oxide synthase 1 neuronal; Nitric oxide synthase 3; nitric oxide synthase; NOS1; nitric oxide synthase 1 (neuronal); NOS; bNOS; nNOS; IHPS1; N-NOS; NC-NOS; nitr

## GENE INFORMATION

**Entrez Gene ID** [4846](#)

**UniProt ID** [P29474](#)