



Anti-Nitric Oxide Synthase (N-terminal) polyclonal antibody (DPAB2365)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Nitric Oxide Synthase (N-terminus)
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 d
Immunogen	Synthetic peptide from the N-terminus of rat cerebellar NO-synthase, coupled to BSA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	IF-Fr
Positive Control	Frozen sections of rat colon
Format	Undiluted serum (lyoph.)
Size	50 µl
Buffer	Dissolve the antiserum in 50-100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN ₃ .
Preservative	None
Storage	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 (N-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](#)