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## AP22816PU-N Polyclonal Antibody to NOS (C-term) - Aff - Purified

Alternate names:	NOS1, NOS2, NOS3, bNOS and eNOS, iNOS
Quantity:	0.25 ml
Background:	Nitric oxide synthases are a family of enzymes catalyzing the production of nitric oxide (NO) from L-arginine. NO is an important cellular signaling molecule. It helps modulate vascular tone, insulin secretion, airway tone, and peristalsis, and is involved in angiogenesis and neural development. It may function as a retrograde neurotransmitter. Nitric oxide is mediated in mammals by the calcium-calmodulin controlled isoenzymes eNOS (endothelial NOS) and nNOS (neuronal NOS).
Host:	Rabbit
Immunogen:	A synthetic peptide derived from the C-terminus of Mouse iNOS and nNOS. Epitope: C-Terminus
Format:	State: Liquid purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: 10 mM PBS, pH 7.4 Preservatives: < 0.1% Sodium Azide Stabilizers: BSA
Applications:	<b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with NOS / Nitric Oxide Synthase. <b>Species:</b> Mouse, Human, Rat, Bovine, Pig (tested or 100% immunogen sequence identity) Other species not tested.
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Shelf life: one year from despatch.
Pictures:	Human Testis (formalin-fixed, paraffin- embedded) stained with Nitric Oxide Synthase (NOS) antibody AP22816PU-N after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

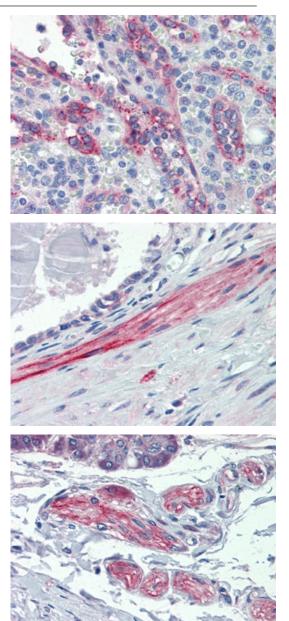
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Human Spleen (formalin-fixed, paraffinembedded) stained with Nitric Oxide Synthase (NOS) antibody AP22816PU-N after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

Human Prostate, Nerve (formalin-fixed, paraffin-embedded) stained with Nitric Oxide Synthase (NOS) antibody AP22816PU-N after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

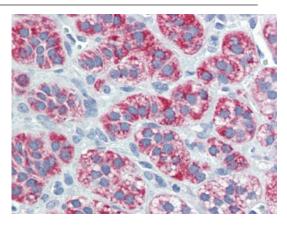
Human Pancreas, Nerve (formalin-fixed, paraffin-embedded) stained with Nitric Oxide Synthase (NOS) antibody AP22816PU-N followed after heatinduced antigen retrieval. Antibody concentration 5 ug/ml.



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Human Adrenal (formalin-fixed, paraffinembedded) stained with Nitric Oxide Synthase (NOS) antibody AP22816PU-N followed after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



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