

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:

Immunohistochemistry on Paraffin Sections: 5 µg/ml.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

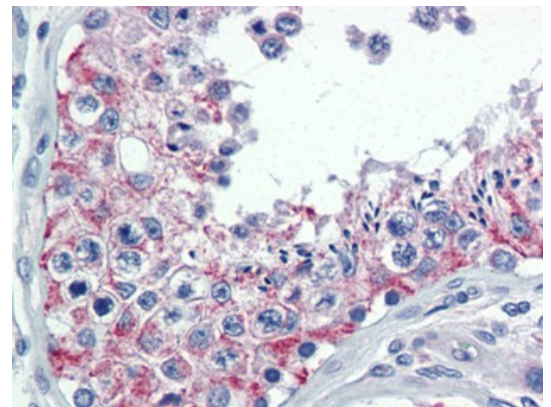
This antibody reacts with NOS / Nitric Oxide Synthase.
Species: Mouse, Human, Rat, Bovine, Pig (tested or 100% immunogen sequence identity)
Other species not tested.

Storage:

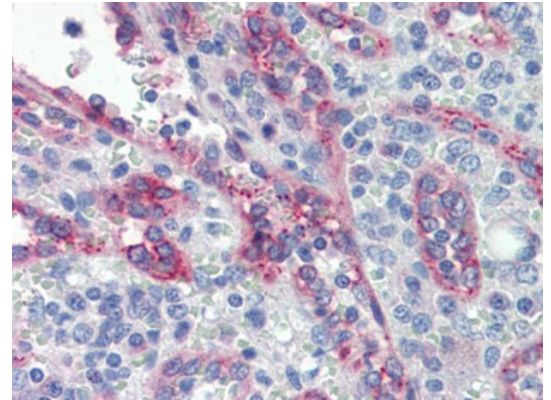
Store undiluted at 2-8°C.
DO NOT FREEZE!
Shelf life: one year from despatch.

Pictures:

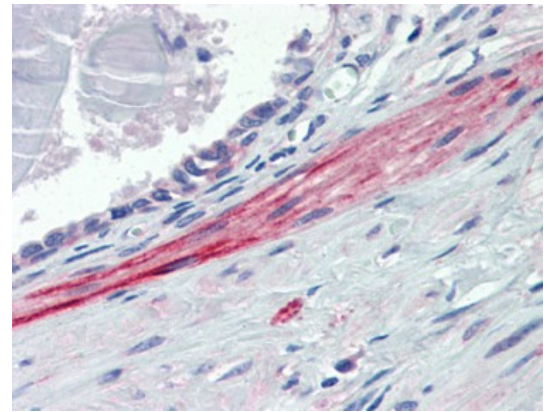
Human Testis (formalin-fixed, paraffin-embedded) stained with Nitric Oxide Synthase (NOS) antibody AP22816PU-N after heat-induced antigen retrieval. Antibody concentration 5 µg/ml.



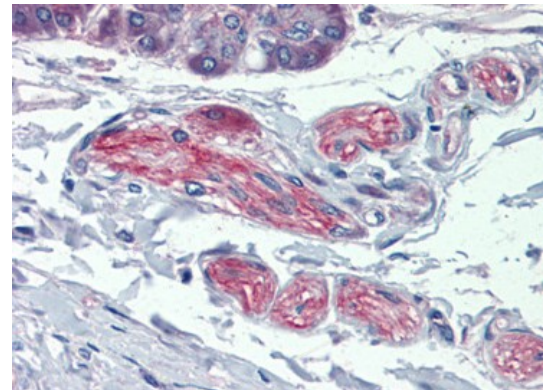
Human Spleen (formalin-fixed, paraffin-embedded) stained with Nitric Oxide Synthase (NOS) antibody AP22816PU-N after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



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 heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



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

