

Polyclonal Antibody to Nitric Oxide Synthase-Universal - Purified

Alternate names:	uNOS
Catalog No.:	AP15683PU-S
Quantity:	0.1 ml
Background:	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-pathogenic activities. NOS is classified under three types: neuronal NOS (nNOS) or brain NOS (bNOS); inducible NOS (iNOS) or macrophage NOS (mNOS); and endothelial NOS (eNOS). This antibody reacts with iNOS, bNOS and eNOS.
Host:	Rabbit
Immunogen:	A synthetic peptide derived from the C-terminus of Mouse iNOS and nNOS.
Format:	State: Liquid purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: PBS, pH 7.6 Preservatives: 0.09% Sodium Azide Stabilizers: 1% BSA
Applications:	Western Blot. Immunohistochemistry on Paraffin Sections: 1/50 for 10 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. <i>Positive Control:</i> HUVEC cells and placenta. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	130-160 kDa
Specificity:	This antibody recognizes Nitric Oxide Synthase-Universal.
Species Reactivity:	Tested: Human. Expected from sequence similarity: Mouse, Rat, Cow, Pig.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.

Pictures:

Human placenta stained with Anti-uNOS antibody

