

## Polyclonal Antibody to Nitric Oxide Synthase-Universal - Purified

<b>Alternate names:</b>	uNOS
<b>Catalog No.:</b>	AP15683PU-N
<b>Quantity:</b>	1 ml
<b>Background:</b>	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.
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	A synthetic peptide derived from the C-terminus of Mouse iNOS and nNOS.
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> PBS, pH 7.6 <b>Preservatives:</b> 0.09% Sodium Azide <b>Stabilizers:</b> 1% BSA
<b>Applications:</b>	<b>Western Blot.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 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.
<b>Molecular Weight:</b>	130-160 kDa
<b>Specificity:</b>	This antibody recognizes Nitric Oxide Synthase-Universal.
<b>Species Reactivity:</b>	<b>Tested:</b> Human. <b>Expected from sequence similarity:</b> Mouse, Rat, Cow, Pig.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Shelf life: one year from despatch.

**Pictures:**

Human placenta stained with Anti-uNOS antibody

