

Polyclonal Antibody to Nitric Oxide Synthase-Universal - Purified

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| Alternate names: | uNOS |
| Catalog No.: | AP15683PU-M |
| Quantity: | 0.5 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

