

# Phospho-eNOS-T495 Rabbit pAb

Catalog No.: AP0516

## Basic Information

### Observed MW

140kDa

### Calculated MW

133kDa

### Category

Primary antibody

### Applications

WB,(ELISA)

### Cross-Reactivity

Human, Mouse, Rat

## Background

Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Alternative splicing and the use of alternative promoters results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

4846

### Swiss Prot

P29474

### Immunogen

A synthetic phosphorylated peptide around T495 of human eNOS (NP\_000594.2).

### Synonyms

eNOS; ECNOS; Phospho-eNOS-T495

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

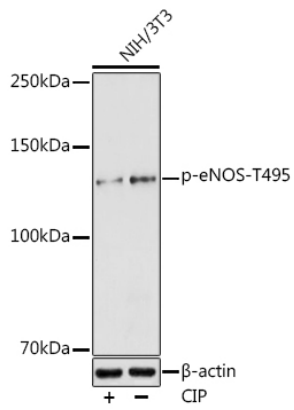
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from NIH/3T3 cells, using Phospho-eNOS-T495 Rabbit pAb (AP0516) at 1:1000 dilution. NIH/3T3 cells were treated by CIP(20uL/400ul) at 37°C for 1 hour.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 180s.