

Phospho-eNOS-T495 Rabbit pAb

Catalog No.: AP0516

Basic Information

Observed MW

140kDa

Calculated MW

133kDa

Category

Primary antibody

Applications

ELISA, WB

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

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

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

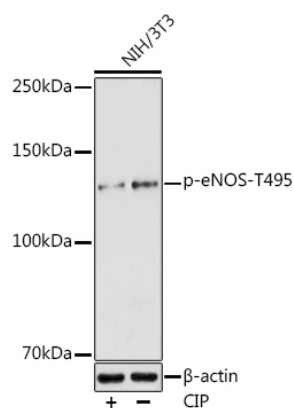
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-eNOS-T495 antibody (AP0516) at 1:1000 dilution. NIH/3T3 cells were treated by CIP (20uL/400uL) at 37°C for 1 hour.

Secondary antibody: HRP 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.