

Phospho-eNOS-S1177 Rabbit pAb

Catalog No.: AP0421 **2 Publications**

Basic Information

Observed MW

133kDa

Calculated MW

133kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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 S1177 of human eNOS (NP_000594.2).

Synonyms

eNOS; ECNOS; Phospho-eNOS-S1177

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

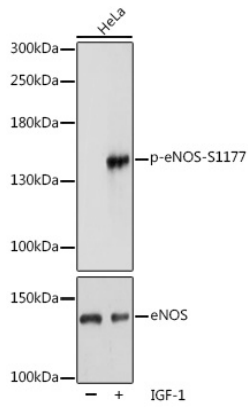
Affinity purification

Storage

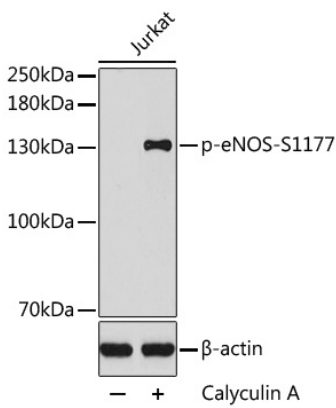
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-eNOS-S1177 Rabbit pAb (A1548). HeLa cells were treated by IGF-1 (50 ng/mL) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



Western blot analysis of lysates from Jurkat cells, using Phospho-eNOS-S1177 Rabbit pAb (AP0421). Jurkat cells were treated by Calyculin A. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA.