

Phospho-eNOS-S1177 Rabbit mAb

Catalog No.: AP1404

Recombinant

2 Publications

Basic Information

Observed MW

150kDa

Calculated MW

133kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

CloneNo number

ARC58017

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 1:2000 - 1:8000

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

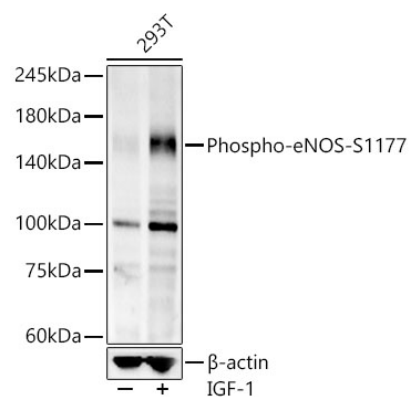
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of 293T lysates, using Phospho-eNOS-S1177 antibody (AP1404) at 1:7000 dilution. 293T cells were treated by IGF-1 (50 ng/ml) at 37°C for 5 minutes after serum-starvation overnight.

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.