

Phospho-eNOS-S1177 Rabbit pAb

Catalog No.: AP0515SP **13 Publications**

Basic Information

Observed MW

140 kDa

Calculated MW

133 kDa/68 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

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 1:5000 - 1:15000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)

Immunogen Information

Gene ID

4846

Swiss Prot

P29474

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

eNOS; ECNOS

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

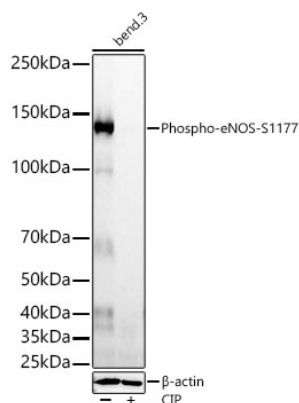
Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide.

May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of lysates from bend.3 cells using Phospho-eNOS-S1177 Rabbit pAb (AP0515SP) at 1:8000 dilution incubated overnight at 4°C. bEnd.3 cells were treated with CIP (1 U/μL) at 37°C for 1 hour.

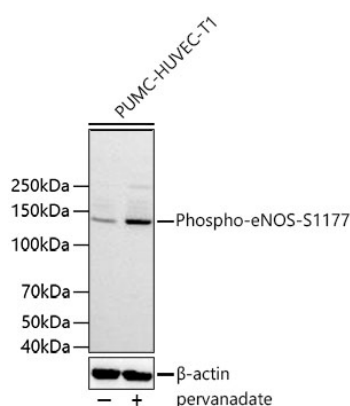
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90 s.



Western blot analysis of lysates from PUMC-HUVEC-T1 cells using Phospho-eNOS-S1177 Rabbit pAb (AP0515SP) at 1:1000 dilution incubated overnight at 4°C. PUMC-HUVEC-T1 cells were treated with pervanadate (100 μM) at 37°C for 10min.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5 s.