

Phospho-eNOS-S1177 Rabbit pAb

Catalog No.: AP0515 **13 Publications**

Basic Information

Observed MW

133kDa

Calculated MW

133kDa

Category

Primary antibody

Applications

WB,IHC-P,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 1:500 - 1:5000

IHC-P 1:50 - 1:200

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

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

Synonyms

eNOS; ECNOS; Phospho-eNOS-S1177

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

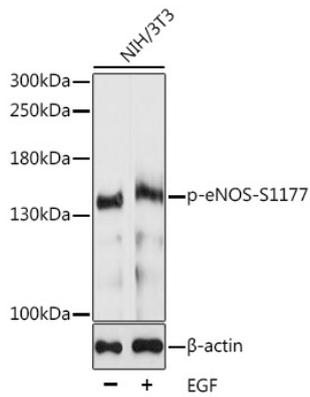
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-eNOS-S1177 Rabbit pAb (AP0515) at 1:1000 dilution. NIH/3T3 cells were treated with EGF (100ng/mL) for 30 minutes after serum-starvation overnight.

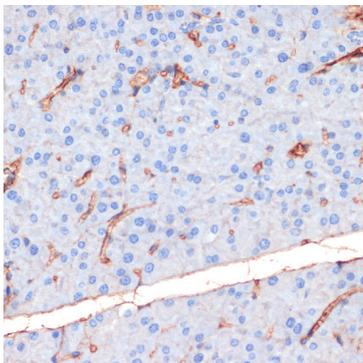
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

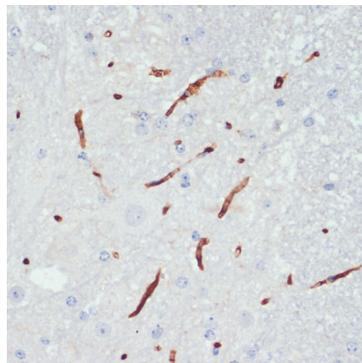
Blocking buffer: 3% BSA.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Mouse pancreas using Phospho-eNOS-S1177 Rabbit pAb (AP0515) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spinal cord using Phospho-eNOS-S1177 Rabbit pAb (AP0515) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.