

Product Data Sheet: Phospho-eNOS-S1177

Cat. No: ABP-0515

Conjugate: Unconjugated

Size: 100 ug
Clone: Poly
Concentration: 1mg/ml

Host: Rb Isotype: IgG

Immunogen: A synthetic phosphorylated peptide around S1177 of human eNOS.

Reactivity: Hu, Ms

Applications: Western Blot: 1:500 – 1:2000 Immunohistochemistry: 1:50 – 1:200

Molecular Weight: 133 kDa

Purification: Affinity purification

Synonyms: NOS3;ECNOS;Enos

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.

Background:

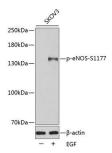
Wariations in this gene are associated with suscentibility to coronary spasm

Variations in this gene are associated with susceptibility to coronary spasm. Alternative splicing and the use of alternative promoters results in multiple

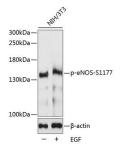
transcript variants.

Form: liquid

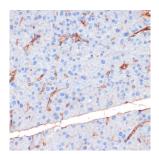
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. **Storage:** Store at -20°C, and avoid repeat freeze-thaw cycles.



Western blot analysis of extracts of SKOV3 cells, using Phospho-eNOS S1177 antibody SKOV3cells were treated by EGF. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



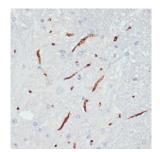
Western blot analysis of extracts of NIH/3T3 cells, using Phospho-eNOSS1177 antibody at 1:1000 dilution. NIH/3T3 cells were treated by EGF (100ng/mL) for 30 minutes after serumstarvation overnight. Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL West Pico Plus. Exposure time: 60s.



Immunohistochemistry of paraffin embedded mouse pancreas using Phospho-NOS3-S1177 antibody at dilution of 1:200 (40x lens).



Product Data Sheet: Phospho-eNOS-S1177



Immunohistochemistry of paraffin embedded mouse spinal cord using Phospho-NOS3-S1177 antibody at dilution of 1:200 (40x lens).

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