

Phospho-eNOS-S1177 Rabbit Polyclonal Antibody

CABP0515



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

133kDa

Calculated MW:

67kDa/68kDa/133kDa

Applications:

WB IHC

Reactivity:

Human, Mouse

Protein 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.

Immunogen information

Gene ID:

4846

Uniprot

P29474

Synonyms:

NOS3; ECNOS; eNOS

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

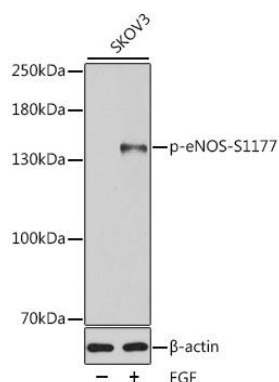
Immunogen:

A synthetic phosphorylated peptide around S1177 of human eNOS (NP_000594.2).

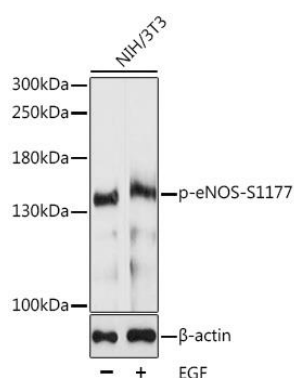
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

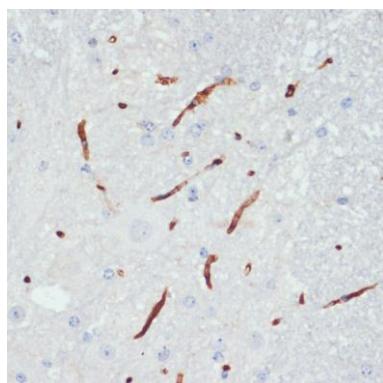
Product Images



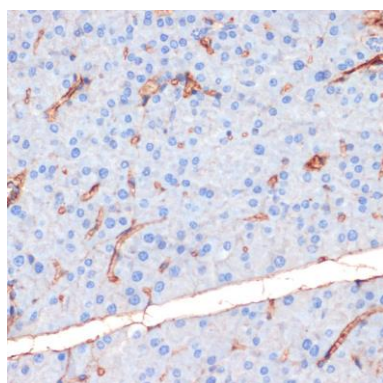
Western blot analysis of extracts of SKOV3 cells, using Phospho-eNOS-S1177 antibody (CABP0515). SKOV3 cells were treated by EGF. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-eNOS-S1177 antibody (CABP0515) at 1:1000 dilution. NIH/3T3 cells were treated by EGF (100ng/mL) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded mouse spinal cord using Phospho-NOS3-S1177 antibody (CABP0515) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse pancreas using Phospho-NOS3-S1177 antibody (CABP0515) at dilution of 1:200 (40x lens).