

Phospho-eNOS-S1177 polyclonal antibody

Catalog: BS79371

Host: Rabbit

Reactivity: Human

BackGround:

Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neuro-transmission 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.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

133kDa

Swiss-Prot:

P29474

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:1000

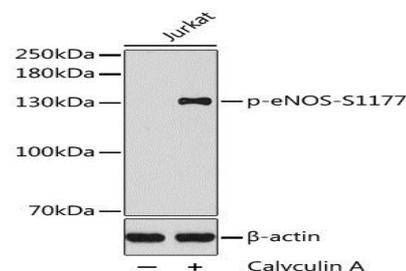
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

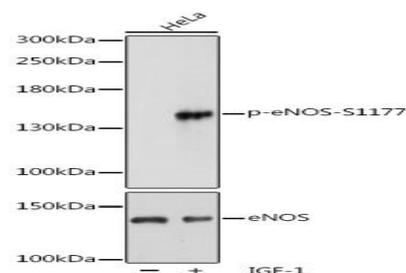
Modification:

Phosphorylated

DATA:



Western blot analysis of extracts of Jurkat cells, using Phospho-eNOS-S1177 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



Western blot analysis of extracts of HeLa cells, using Phospho-NOS3-S1177 pAb at 1:1000 dilution or eNOS antibody. HeLa cells were treated by IGF-1 at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 3min.

Note:

For research use only, not for use in diagnostic procedure.

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