Leader in Biomolecular Solutions for Life Science

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Phospho-eNOS-S1177 Rabbit pAb

Catalog No.: AP0421 **3 Publications**

Basic Information

Observed MW
133kDa

Calculated MW
133kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human

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 - 1:1000
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

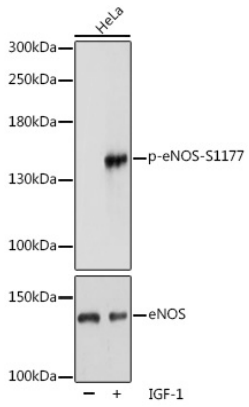
Source
Rabbit

Isotype
IgG

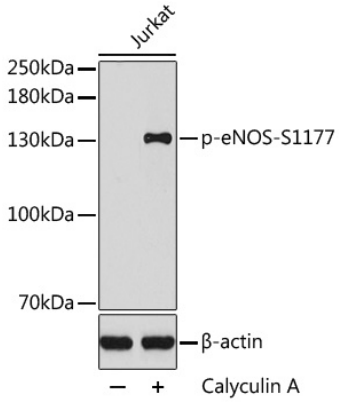
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-eNOS-S1177 Rabbit pAb (A1548). HeLa cells were treated with IGF-1 (50 ng/mL) at 37℃ 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 Basic Kit (RM00020).
Exposure time: 3min.



Western blot analysis of lysates from Jurkat cells, using Phospho-eNOS-S1177 Rabbit pAb (AP0421). Jurkat cells were treated with Calyculin A.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.