

# Phospho-eNOS-S1177 Rabbit pAb

Catalog No.: AP0421 **2 Publications**

## Basic Information

### Observed MW

133kDa

### Calculated MW

133kDa

### Category

Primary antibody

### Applications

ELISA, WB

### 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

## Immunogen Information

### Gene ID

4846

### Swiss Prot

P29474

### Immunogen

A synthetic phosphorylated peptide around S1177 of human eNOS (NP\_000594.2).

### Synonyms

eNOS; ECNOS; Phospho-eNOS-S1177

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

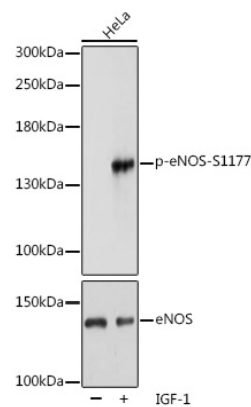
Affinity purification

### Storage

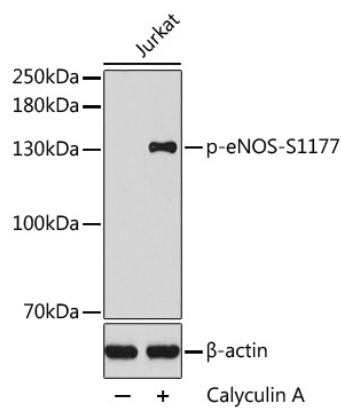
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 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 by IGF-1 (50 ng/mL) at 37°C for 30 minutes after serum-starvation overnight.  
Secondary antibody: HRP 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).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.