

# Phospho-eNOS-S1177 Rabbit Polyclonal Antibody

## CABP0421



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

133kDa

**Calculated MW:**

67kDa/68kDa/133kDa

**Applications:**

WB

**Reactivity:**

Human

### 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 - 1:1000

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

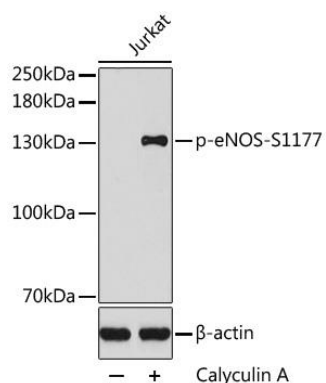
**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S1177 of human eNOS

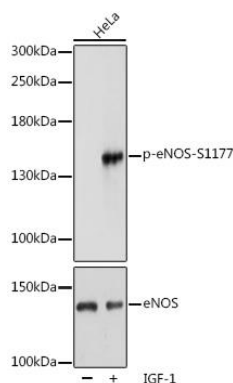
**Storage:**

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 Jurkat cells, using Phospho-eNOS-S1177 antibody (CABP0421). 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 HeLa cells, using Phospho-NOS3-S1177 pAb (CABP0421) at 1:1000 dilution or eNOS antibody (CAB1548). 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) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 3min.