

## Phospho-NOS3 (Ser1177) Polyclonal Antibody

**Catalog No.** E-AB-21092

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

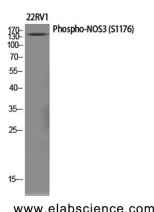
### Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Synthesized peptide derived from human NOS3 around the phosphorylation site of Ser1177
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IF</b>	1:100-1:300
<b>ELISA</b>	1:20000

### Data



Western Blot analysis of 22RV1 cells with Phospho-NOS3 (Ser1177) Polyclonal Antibody at dilution of 1:1000

**Observed Mw:133kDa**  
**Calculated Mw:133kDa**

### Preparation & Storage

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

### Background

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

### For Research Use Only