

## Anti-Phospho-NOS3-Ser1177 antibody (1144-1193 aa) (STJ90674)

STJ90674

### GENERAL INFORMATION

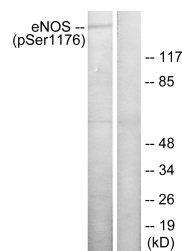
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Nitric oxide synthase 3-Ser1177 (1144-1193 aa) is suitable for use in Western Blot, Immunofluorescence and ELISA research applications.
<b>Applications</b>	WB/IF/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

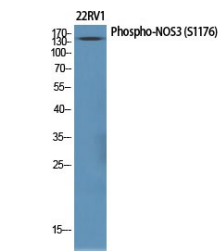
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution Range</b>	WB 1:500-1:2000 IF 1:200-1:1000 ELISA 1:20000
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

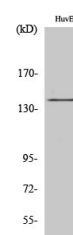
<b>Gene ID</b>	4846
<b>Gene Symbol</b>	NOS3
<b>Uniprot ID</b>	NOS3_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the human eNOS around the phosphorylation site of Ser1176 at the amino acid range 1144-1193
<b>Immunogen Region</b>	1144-1193 aa
<b>Specificity</b>	Phospho-NOS3 (S1177) Polyclonal Antibody detects endogenous levels of NOS3 protein only when phosphorylated at S1177.
<b>Immunogen Sequence</b>	



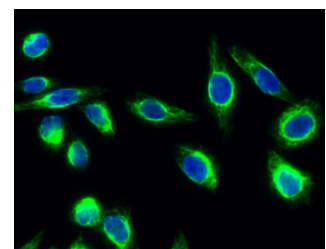
Western blot analysis of lysates from HeLa cells treated with Insulin 0.01U/ml 15', using eNOS (Phospho-Ser1176) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of various cells using Phospho-NOS3 (S1177) Polyclonal Antibody diluted at 1/4 1000



Western blot analysis of HuvEc cells using Phospho-NOS3 (S1177) Polyclonal Antibody diluted at 1/4 1000



Immunofluorescence analysis of HeLa cell. 1. NOS3 (phospho Ser1177) Polyclonal Antibody (green) was diluted at 1:200 (4A°C overnight). 2. Goat Anti Rabbit Alexa Fluor 488 Catalog: (NA was diluted at 1:1000 (room temperature, 50min). 3 DAPI (blue) 10min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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