

## NOS3(Phospho Ser1177) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01282
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human eNOS around the phosphorylation site of Ser1176. AA range:1144-1193
<b>Mol wt</b>	133289
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Nitric oxide synthase endothelial
<b>Synonyms</b>	Nitric oxide synthase endothelial; NOS3; Nitric oxide synthase; endothelial; Constitutive NOS; eNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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. Multiple transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilution

WB: 1: 500 - 1: 2000

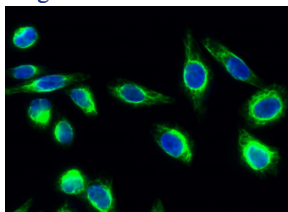
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

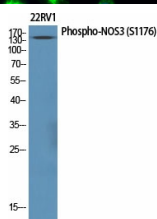
ELISA: 1: 20000

Not yet tested in other applications.

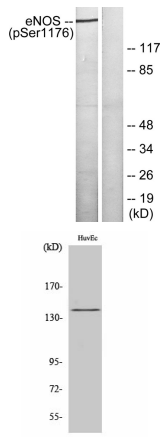
### Images



Immunofluorescence analysis of HeLa cell. 1,NOS3 (phospho Ser1177) Polyclonal Antibody(Green) was diluted at 1:200(4°C overnight). 2 DAPI(blue) 10min.



Western Blot analysis of various cells using Phospho-NOS3 (S1177) Polyclonal Antibody diluted at 1:1000



Western Blot analysis of HuvEc cells using Phospho-NOS3 (S1177) Polyclonal Antibody diluted at 1:1000

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.

### Storage

-20°C for 1 year

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