

# NOS3 Polyclonal Antibody

Catalog Number:E-AB-32268



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

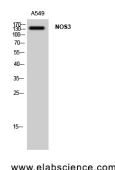
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Synthesized peptide derived from human NOS3 around the non-phosphorylation site of Ser1179.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

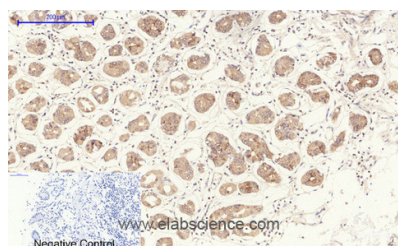
<b>WB</b>	1:500-2000
<b>IHC</b>	1:50-300
<b>IF</b>	1:50-300

## Data

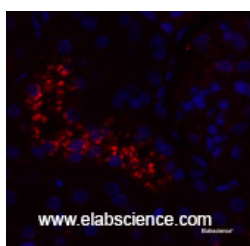


Western Blot analysis of A549 cells using NOS3 Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:140kDa**  
**Calculated Mw:133kDa**



Immunohistochemistry of paraffin-embedded Human stomach tissue using NOS3 Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Rat kidney tissue using NOS3 Polyclonal Antibody at dilution of 1:200.

## Preparation & Storage

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

## Background

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

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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.

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