

# Rabbit NOS3 Polyclonal Antibody | anti-NOS3 antibody

NOS3 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA29082  | Rabbit | Human, Mouse, Rat | Western Blot, Immunohistochemistry, Immunofluorescence |

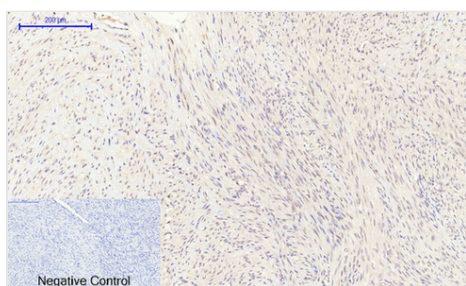
## PRODUCT SYNONYMS

NOS3; Polyclonal Antibody; NOS3 Polyclonal Antibody; Nitric oxide synthase; endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII; anti-NOS3 antibody

## PRODUCT SPECIFICATIONS

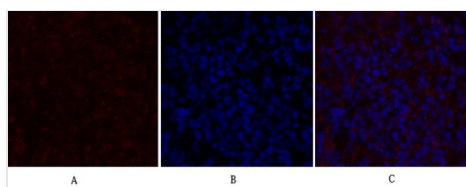
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-NOS3 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)                                                                                |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

## IMAGES



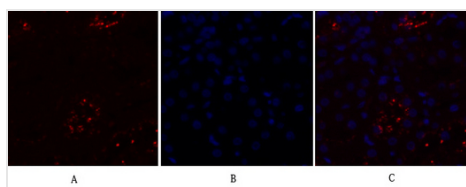
### IHC (Immunohistochemistry)

Dilution: WB 1:500-2000, IF 1:50-300, IHC 1:50-300



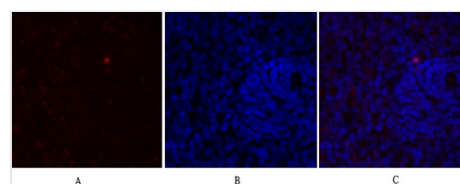
### IF (Immunofluorescence)

Dilution: WB 1:500-2000, IF 1:50-300, IHC 1:50-300



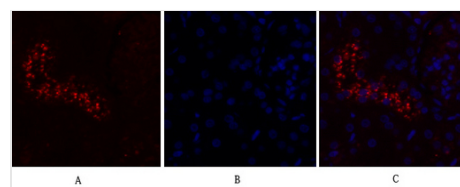
### Application Data

Dilution: WB 1:500-2000, IF 1:50-300, IHC 1:50-300



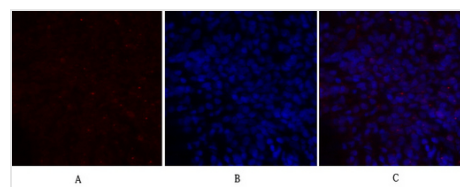
### IF (Immunofluorescence)

Dilution: WB 1:500-2000, IF 1:50-300, IHC 1:50-300



### IF (Immunofluorescence)

Dilution: WB 1:500-2000, IF 1:50-300, IHC 1:50-300



### Application Data

Dilution: WB 1:500-2000, IF 1:50-300, IHC 1:50-300

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NOS3 antibody | 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. |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 40254422                                                                                                  |
| NCBI GeneID                      | 4846                                                                                                      |
| NCBI Accession #                 | NP_000594.2                                                                                               |
| NCBI GenBank Nucleotide #        | NM_000603.4                                                                                               |
| UniProt Accession #              | P29474; Q13662; Q14251; Q14434; Q548C1; Q6GSL5; Q9UDC6; A0S0A7; A0S0A8; A8KA63; B2RCQ1; E9PFR2            |
| Molecular Weight                 | 133,289 Da                                                                                                |
| NCBI Official Full Name          | nitric oxide synthase, endothelial isoform 1                                                              |
| NCBI Official Synonym Full Names | nitric oxide synthase 3 (endothelial cell)                                                                |
| NCBI Official Symbol             | NOS3                                                                                                      |
| NCBI Official Synonym Symbols    | eNOS; ECNOS                                                                                               |
| NCBI Protein Information         | nitric oxide synthase, endothelial; cNOS; EC-NOS; NOSIII; NOS type III; endothelial NOS; constitutive NOS |
| UniProt Protein Name             | Nitric oxide synthase, endothelial                                                                        |
| UniProt Gene Name                | <b>NOS3</b>                                                                                               |
| UniProt Synonym Gene Names       | cNOS; eNOS; NOSIII                                                                                        |
| UniProt Entry Name               | NOS3_HUMAN                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nos3-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29082>