

## Rabbit nNOS Polyclonal Antibody | anti-NOS1 antibody

Anti-nNOS Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA104555</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

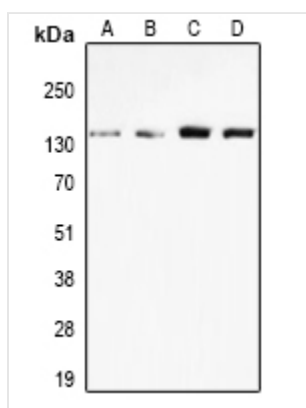
### PRODUCT SYNONYMS

nNOS; Polyclonal Antibody; Anti-nNOS Antibody; Nitric oxide synthase; brain; Constitutive NOS; NC-NOS; NOS type I; Neuronal NOS; N-NOS; Peptidyl-cysteine S-nitrosylase NOS1; bNOS; anti-NOS1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | Recognizes endogenous levels of nNOS protein.                                                                                       |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                           |
| Sequence Length                                | 1434                                                                                                                                |
| Applicable Applications for anti-NOS1 antibody | WB (Western Blot)                                                                                                                   |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human nNOS. The exact sequence is proprietary. |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                      |

### IMAGES



#### WB (Western Blot)

Western blot analysis of nNOS expression in HeLa (A), Raw264.7 (B), mouse brain (C), PC12 (D), rat brain (E) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-NOS1 antibody | Rabbit polyclonal antibody to nNOS |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 10835173                                                                                                       |
| NCBI GeneID                      | Entrez Gene (Human): 4842 Entrez Gene (Mouse) : 18125 Entrez Gene (Rat) : 24598                                |
| NCBI Accession #                 | NP_000611.1                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_000620.4                                                                                                    |
| UniProt Accession #              | P29475; O75713; E9PH30                                                                                         |
| NCBI Official Full Name          | nitric oxide synthase, brain isoform 1                                                                         |
| NCBI Official Synonym Full Names | nitric oxide synthase 1 (neuronal)                                                                             |
| NCBI Official Symbol             | NOS1                                                                                                           |
| NCBI Official Synonym Symbols    | NOS; bNOS; nNOS; IHPS1; N-NOS; NC-NOS                                                                          |
| NCBI Protein Information         | nitric oxide synthase, brain; NOS type I; neuronal NOS; constitutive NOS; peptidyl-cysteine S-nitrosylase NOS1 |
| UniProt Protein Name             | Nitric oxide synthase, brain                                                                                   |
| UniProt Gene Name                | <b>NOS1</b>                                                                                                    |
| UniProt Synonym Gene Names       | N-NOS; nNOS                                                                                                    |
| UniProt Entry Name               | NOS1_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/nnos-antibody-western-blot-elisa/104555>