

## Rabbit NOS1 Polyclonal Antibody | anti-NOS1 antibody

NOS1 (Ab-852) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                            |
|-----------|--------|-------------------|-----------------------------------------|
| AAA242125 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Western Blot, ELISA |

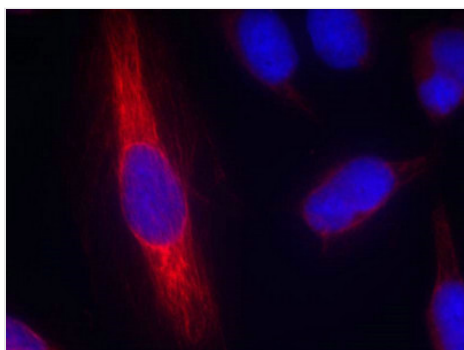
### PRODUCT SYNONYMS

NOS1; Polyclonal Antibody; NOS1 (Ab-852) Antibody; BNOS; Constitutive NOS; N-NOS; NC-NOS; anti-NOS1 antibody

### PRODUCT SPECIFICATIONS

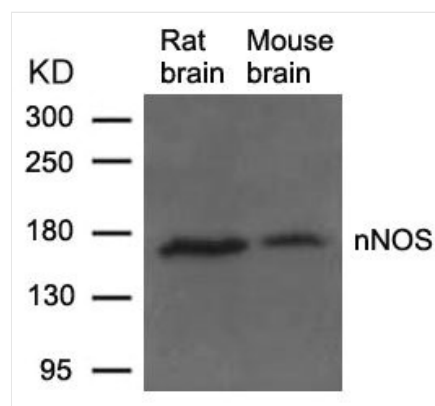
|                                                |                                                                                                                                                                               |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                        |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                                                                    |
| Isotype                                        | IgG                                                                                                                                                                           |
| Purity/Purification                            | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were Purified by affinity-chromatography using epitope-specific peptide. |
| Form/Format                                    | Liquid; Supplied at 1.0mg/mL In Phosphate Buffered Saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.                                   |
| Applicable Applications for anti-NOS1 antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                                                                                                             |
| Immunogen                                      | Peptide sequence around aa.850~854 (F-N-S-V-S) derived from Human nNOS.                                                                                                       |
| Immunogen Species                              | Human                                                                                                                                                                         |
| Conjugate                                      | Non-conjugated                                                                                                                                                                |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                                   |

### IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using nNOS(Ab-852) Antibody.



WB (Western Blot)

Western blot analysis of extracts from Rat and Mouse brain tissue using nNOS(Ab-852) Antibody.

ADDITIONAL INFORMATION

|                                                  |              |
|--------------------------------------------------|--------------|
| Product Categories/Family for anti-NOS1 antibody | Neuroscience |
|--------------------------------------------------|--------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 10835173                                                                                                       |
| NCBI GeneID                      | 4842                                                                                                           |
| NCBI Accession #                 | NP_000611.1                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_000620.4                                                                                                    |
| UniProt Accession #              | P29475; O75713; E9PH30                                                                                         |
| Molecular Weight                 | 160,970 Da                                                                                                     |
| 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/nos1-antibody-immunofluorescence-western-blot-elisa/242125>