

## Rabbit anti-Human iNOS Polyclonal Antibody | anti-iNOS antibody

iNOS Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA317266 | Rabbit | Human      | ELISA, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

iNOS; Polyclonal Antibody; iNOS Antibody; NITRIC OXIDE SYNTHASE; INDUCIBLE; MACROPHAGE; NOS2A; HEPATOCYTE; nitric oxide synthase 2A (inducible; hepatocytes); anti-iNOS antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                    |
| Reactivity                                     | Human                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                |
| Specificity                                    | iNOS Antibody detects endogenous levels of total iNOS protein.                                                            |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using immunogen.                                                |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                | 1,114                                                                                                                     |
| Applicable Applications for anti-iNOS antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                             |
| Target Modification                            | Unmodified/Total                                                                                                          |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human iNOS.                                           |
| Immunogen Range                                | 1101-1150                                                                                                                 |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                               |

### IMAGES



#### WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using iNOS Antibody. The lane on the right is blocked with the synthesized peptide.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using iNOS Antibody. The picture on the right is blocked with the synthesized peptide.



#### IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using iNOS Antibody. The picture on the right is blocked with the synthesized peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 24041029                                                               |
| NCBI GeneID                      | 4843                                                                   |
| NCBI Accession #                 | NP_000616.3                                                            |
| NCBI GenBank Nucleotide #        | NP_000616.3                                                            |
| UniProt Accession #              | P35228; O60757; O94994; Q16263; Q16692; Q4TTS5; Q9UD42; A1L3U5; B7ZLY2 |
| Molecular Weight                 | 131 kDa                                                                |
| NCBI Official Full Name          | nitric oxide synthase, inducible                                       |
| NCBI Official Synonym Full Names | nitric oxide synthase 2                                                |
| NCBI Official Symbol             | NOS2                                                                   |
| NCBI Official Synonym Symbols    | NOS; INOS; NOS2A; HEP-NOS                                              |
| NCBI Protein Information         | nitric oxide synthase, inducible                                       |
| UniProt Protein Name             | Nitric oxide synthase, inducible                                       |
| UniProt Gene Name                | <b>NOS2</b>                                                            |
| UniProt Synonym Gene Names       | NOS2A; HEP-NOS; Inducible NOS; iNOS                                    |

**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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