

iNOS Antibody | anti-iNOS antibody

iNOS (Phospho-Tyr151) Antibody

CATALOG # AAA109599	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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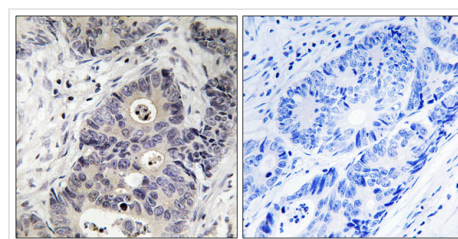
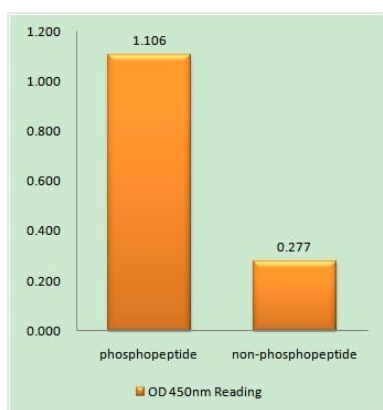
PRODUCT SYNONYMS

iNOS; iNOS (Phospho-Tyr151) Antibody; EC 1.14.13.39; HEP-NOS; hepatocyte NOS; inducible NOS; nitric oxide synthase; inducible; NOS type II; NOS2; NOS2A; anti-iNOS antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Inos (Phospho-Tyr151) antibody detects endogenous levels of Inos only when phosphorylated at tyrosine 151.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1153
Applicable Applications for anti-iNOS antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Inos around the phosphorylation site of tyrosine 151 (Q-Y-YP-G-S).
All Sites	Human: Tyr151 Mouse: Tyr145 Rat: Tyr151
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Inos (Phospho-Tyr151) antibody. Inos (Phospho-Tyr151) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-iNOS antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Geller D.A., Proc. Natl. Acad. Sci. U.S.A. 90:3491-3495(1993). Sherman P.A., Biochemistry 32:11600-11605(1993). Charles I.G., Proc. Natl. Acad. Sci. U.S.A. 90:11419-11423(1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	24041029
NCBI GeneID	4843
NCBI Accession #	NP_000616.3
NCBI GenBank Nucleotide #	NM_000625.4
UniProt Accession #	P35228; O60757; O94994; Q16263; Q16692; Q4TTS5; Q9UD42; A1L3U5; B7ZLY2
Molecular Weight	126,749 Da
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	NOS2
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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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/inos/109599>