

Rabbit iNOS Polyclonal Antibody | anti-iNOS antibody

iNOS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322020	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

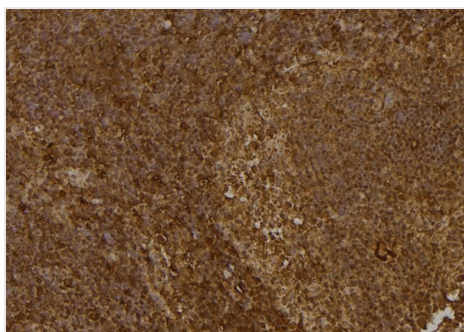
PRODUCT SYNONYMS

iNOS; Polyclonal Antibody; iNOS Antibody; HEP-NOS; Hepatocyte NOS; HEPNOS; inducible; Inducible nitric oxide synthase; Inducible NO synthase; Inducible NOS; MAC NOS; Macrophage NOS; Nitric oxide synthase 2 inducible; Nitric oxide synthase 2 inducible macrophage; nitric oxide synthase 2A (inducible; hepatocytes); Nitric oxide synthase; Nitric oxide synthase inducible; nitric oxide synthase; macrophage; NOS 2; NOS; Nos II; NOS type II; nos2; NOS2_HUMAN; NOS2A; Inducible; Hepatocyte; Peptidyl-cysteine S-nitrosylase NOS2; anti-iNOS antibody

PRODUCT SPECIFICATIONS

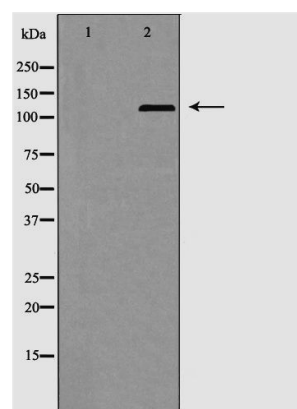
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	iNOS antibody detects endogenous levels of total iNOS
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	1153
Applicable Applications for anti-iNOS antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human iNOS, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA322020 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of iNOS expression in NIH/3T3 cells. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-iNOS antibody	Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions. Also has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such COX2.
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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	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	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/polyclonal/inos-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322020>