



Inos (Phospho-Tyr151) Antibody

E11-8233A

Catalog Number: E11-8233A

Concentration: 1mg/ml

Swiss-Prot No.: P35228

Other Names: EC 1.14.13.39; HEP-NOS; hepatocyte NOS; inducible NOS; nitric oxide synthase, inducible; NOS type II; NOS2; NOS2A

All Sites: Human: Tyr151; Mouse: Tyr145; Rat: Tyr151

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Inos around the phosphorylation site of tyrosine 151 (Q-Y-Y^P-G-S).

Purification: The antibody was 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.

Specificity: Inos (Phospho-Tyr151) antibody detects endogenous levels of Inos only when phosphorylated at tyrosine 151.

Reactivity: Human (Identities = 100%, Positives = 100%);

Mouse (Identities = 92%, Positives = 100%);

Rat (Identities = 92%, Positives = 100%)

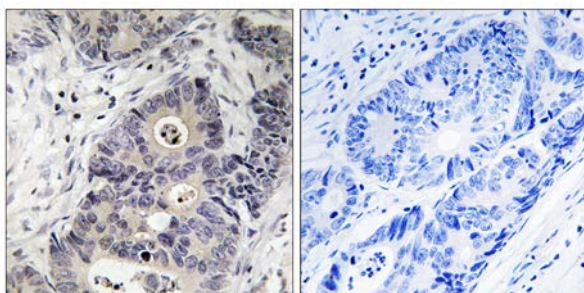
Applications: IHC: 1:50~1:100 ELISA: 1:10000

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).

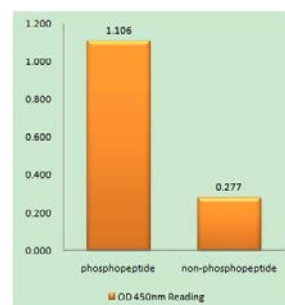


P-peptide

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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.

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