

Phospho-iNOS (Tyr151) Ab

Cat.#: AF3270
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: kDa
Clonality: Polyclonal

Application: IHC 1:50-1:200 WB 1:500

Reactivity: Human, Mouse, Rat

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Specificity: Phospho-iNOS (Tyr151) Ab detects endogenous levels of iNOS only when phosphorylated at Tyrosine 151.

Immunogen: A synthesized peptide derived from human iNOS around the phosphorylation site of Tyrosine 151.

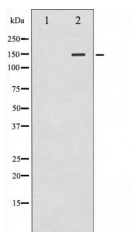
Uniprot: P35228

Description: iNOS Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In macrophages, NO mediates tumoricidal and bactericidal actions.

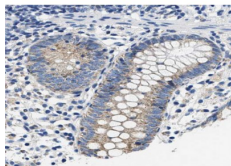
Tissue Specificity: Expressed in the liver, retina, bone cells and airway epithelial cells of the lung. Not expressed in the platelets.

Similarity: Belongs to the NOS family.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of iNOS phosphorylation expression in whole cell lysates. The lane on the left is treated with the antigen-specific peptide.



AF3270 at 1/100 staining human colon tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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