

## Phospho-iNOS (Tyr151) Ab

[Images\(3\)](#)

Cat.#: AF3270	Concn.: ~1mg/ml	Mol.Wt.: 132kDa
Size:	Source: Rabbit	Clonality: Polyclonal

**Application:** IHC 1:50-1:200, WB 1:500-1:2000  
\*The optimal dilutions should be determined by the end user.

**Reactivity:** Human, Mouse, Rat

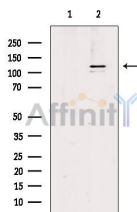
**Storage:** Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

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

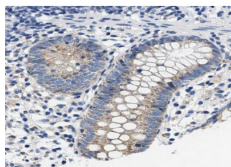
**Immunogen:** A synthesized peptide derived from human iNOS around the phosphorylation site of Tyr151.

**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.



Western blot analysis of extracts from heat-shock treated RAW264.7 cells, using Phospho-iNOS (Tyr151) Ab. The lane on the left was treated with blocking 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 Ab.

**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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