

iNOS Polyclonal Antibody

Product Details

Size	100 µL
Species	Human, Mouse, Rat
Expression System	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide surrounding Ala1130 of mouse iNOS
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	no preservative
Storage Conditions	-20°C
RRID	AB_10981485

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:100	-
Immunofluorescence (IF)	1:100	-
Western Blot (WB)	1:1000	-

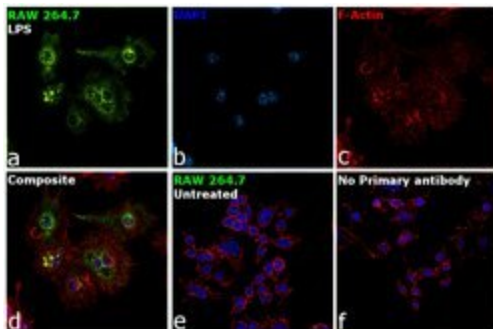
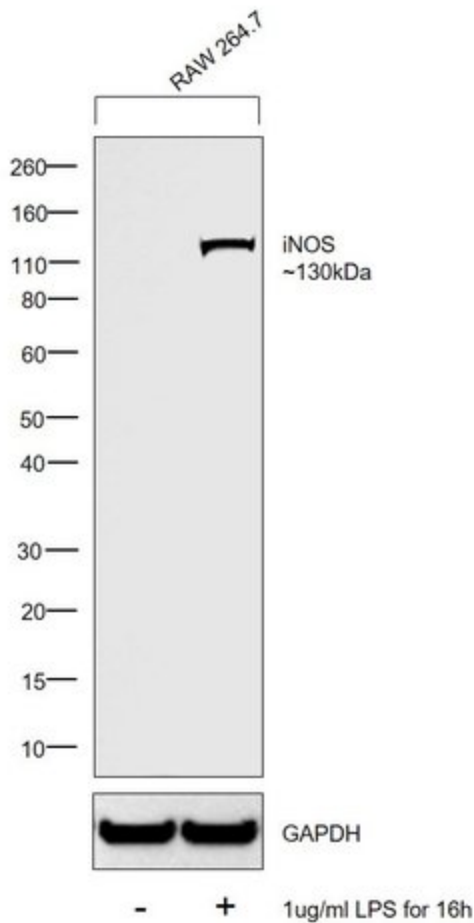
Product Specific Information

It is not recommended to aliquot this antibody.

Advanced Verification Data

iNOS Antibody (PA5-17106)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using iNOS Polyclonal Antibody (Product #PA5-17106), shows increased expression of iNOS upon treatment of RAW264.7 with LPS. Cell treatment validation info.



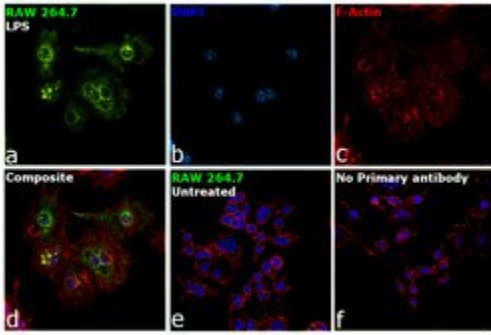
iNOS Antibody (PA5-17106)

Detection of altered subcellular localization of the target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis using iNOS Polyclonal Antibody (Product # PA5-17106), shows increased expression of iNOS upon treatment of RAW264.7 with LPS. Cell treatment validation info.

Product Images For iNOS Polyclonal Antibody

iNOS Antibody (PA5-17106) in ICC

Immunofluorescence analysis of Nitric oxide synthase, inducible, was performed using 70% confluent log phase RAW 264.7 treated with LPS (1 $\mu\text{g}/\text{mL}$ for 16h). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with iNOS Polyclonal Antibody (Product # PA5-17106) at 1:100 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Cytoplasmic localization. Panel e represents untreated RAW 264.7 cells with low expression of iNOS. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60x magnification.



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