

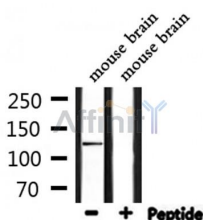
iNOS Ab

Cat.#: AF0199
Size: 100ul,200ul

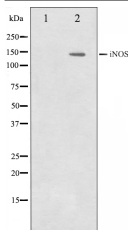
Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 130kDa
Clonality: Polyclonal

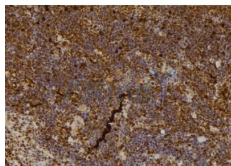
Application:	WB: 1:500~1:3000 IHC: 1:50~1:200 IF/ICC: 1:100~1:500
Reactivity:	Human,Mouse,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	iNOS Ab detects endogenous levels of total iNOS.
Immunogen:	A synthesized peptide derived from human iNOS.
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. Belongs to the NOS family. Induced by endotoxins and cytokines. Induced by interferon gamma acting synergistically with lipopolysaccharide, tumor necrosis factor alpha or interleukin-1 beta. Homodimer. Binds SLC9A3R1. 2 isoforms of the human protein are produced by alternative splicing.
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.



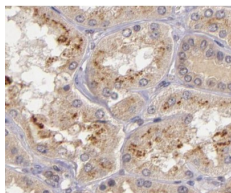
Western blot analysis of extracts from mouse brain, using iNOS Ab.



Western blot analysis on NIH-3T3 cell lysate using iNOS Ab. The lane on the left is treated with the antigen-specific peptide.



AF0199 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 Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF0199 at 1/200 staining human kidney 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.



AF0199 at 1/100 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600 was used as 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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