

iNOS Rabbit pAb

Catalog No.: A0312 **66 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

131kDa

Category

Primary antibody

Applications

ELISA,IF/ICC

Cross-Reactivity

Human, Rat

Background

Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17.

Recommended Dilutions

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

4843

Swiss Prot

P35228

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 974-1143 of human iNOS (NP_000616.3).

Synonyms

NOS; INOS; NOS2A; HEP-NOS; iNOS

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

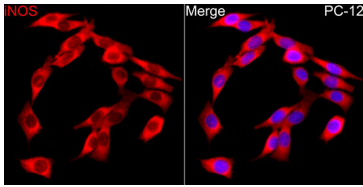
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of PC-12 cells using iNOS Rabbit pAb (A0312) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.