iNOS Rabbit pAb

Catalog No.: A0312 88 Publications



Basic Information

Observed MW

Refer to figures

Calculated MW

131kDa

Category

Primary antibody

Applications

IF/ICC,ELISA

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

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 4843 P35228

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

NOS; INOS; NOS2A; HEP-NOS; iNOS

Contact

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Product Information

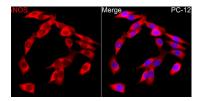
Purification Source Isotype Rabbit IgG Affinity purification

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-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.