



Datasheet for ABIN7101575
anti-NOS2 antibody



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3 Images

Overview

Quantity:	20 µL
Target:	NOS2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This NOS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human iNOS
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	NOS2
Alternative Name:	NOS2 (NOS2 Products)
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

Target Details

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. [provided by RefSeq, Jul 2008],HEP-NOS, INOS, NOS, NOS2A,Cancer,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Neuroscience,NOS2

Molecular Weight: 131 kDa

Gene ID: 4843

UniProt: [P35228](#)

Pathways: [Retinoic Acid Receptor Signaling Pathway](#), [Cellular Response to Molecule of Bacterial Origin](#), [Inositol Metabolic Process](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

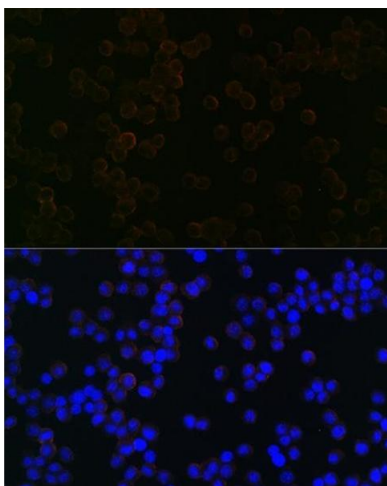
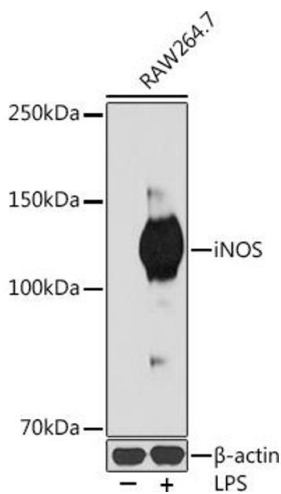
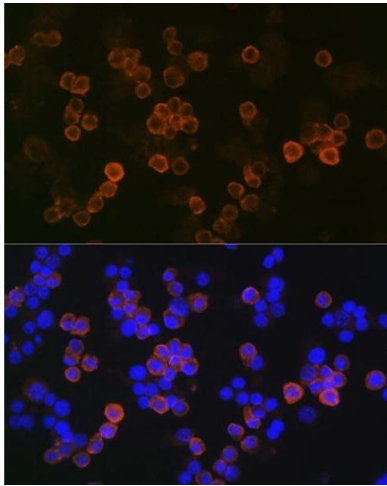
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Immunofluorescence

Image 1. Immunofluorescence analysis of Raw264.7 cells using iNOS Rabbit mAb (ABIN1678965, ABIN3018084, ABIN3018085 and ABIN7101575) at dilution of 1:100 (40x lens). Raw264.7 cells were treated by LPS (1 µg/mL) at 37 °C for 8 hours. Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of R.7 cells, using iNOS antibody (ABIN1678965, ABIN3018084, ABIN3018085 and ABIN7101575) at 1:1000 dilution. R.7 cells were treated by LPS (1 µg/mL) at 37 °C for 8 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Immunofluorescence

Image 3. Immunofluorescence analysis of Raw264.7 cells using iNOS Rabbit mAb (ABIN1678965, ABIN3018084, ABIN3018085 and ABIN7101575) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.