

PAA837Hu02

Polyclonal Antibody to Nitric Oxide Synthase 2, Inducible (NOS2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 200μL

Cross Reactivity: Mouse.

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant NOS2 (Thr734~Gly966) expressed in *E.coli*

Accession No.: RPA837Hu02

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

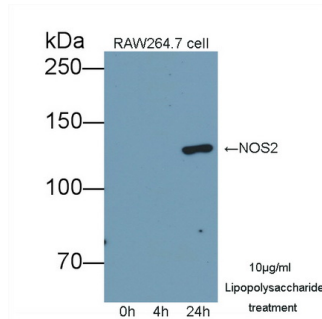
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

[IDENTIFICATION]

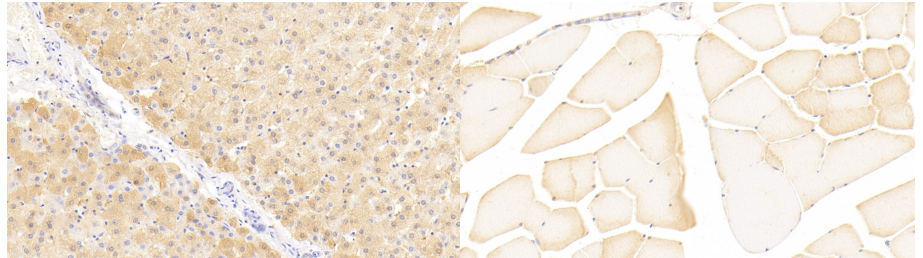


Western blot shows lysates of RAW264.7 cell line treated with 10 µg/ml lipopolysaccharide (LPS) for the indicated times.

Primary Ab: 0.2 µg/ml Rabbit Anti-Human NOS2 Antibody

Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-

Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Samples: Human Liver Tissue;
Primary Ab: 20 µg/ml Rabbit Anti-Human NOS2 Antibody
Second Ab: 2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

DAB staining on IHC-P;

Samples: Human Skeletal muscle Tissue;
Primary Ab: 20 µg/ml Rabbit Anti-Human NOS2 Antibody
Second Ab: 2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.