

**PAA837Hu01**

**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

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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:** 100μL

**Cross Reactivity:** Mouse

**Applications:** WB; IHC

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant NOS2 (Met533~Lys696) expressed in *E.coli*

**Accession No.:** RPA837Hu01

### **[ 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.

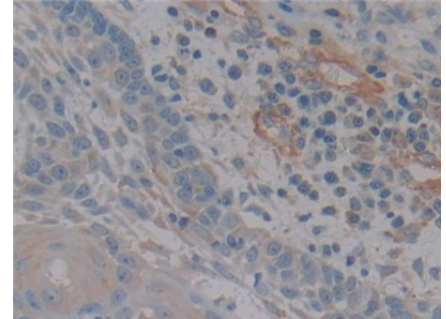
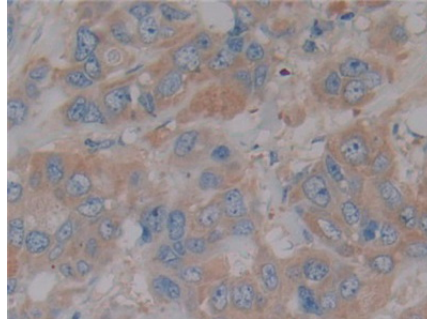
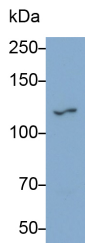
Store at 4°C for frequent use.

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.

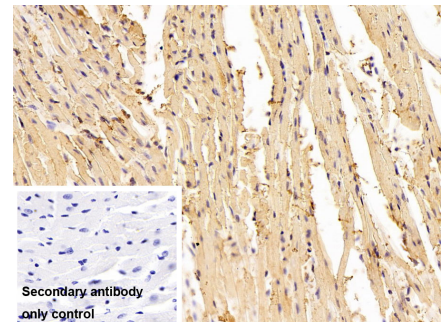
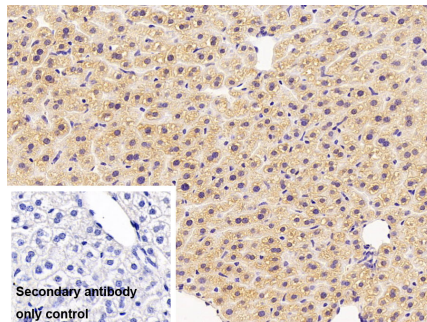
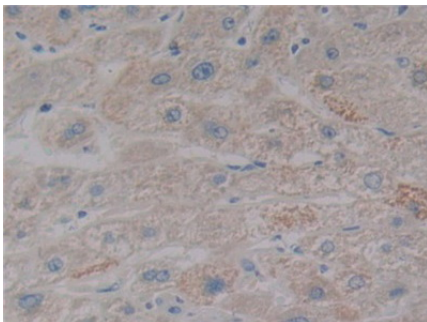
**[ IDENTIFICATION ]**



Western Blot; Sample: RAW264.7 cell lysate Primary Ab: 0.1µg/ml Rabbit Anti-Human NOS2 Antibody Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Samples: Human Breast cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human NOS2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

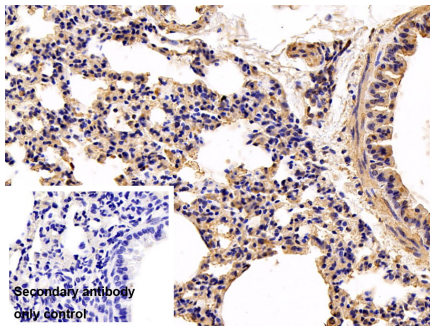
DAB staining on IHC-P; Samples: Human Skin cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human NOS2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human NOS2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Sample: Mouse Liver Tissue Primary Ab: 10µg/ml Rabbit Anti-Human NOS2 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Sample: Mouse Cardiac Muscle Tissue Primary Ab: 10µg/ml Rabbit Anti-Human NOS2 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Mouse Lung Tissue

Primary Ab: 10µg/ml Rabbit Anti-

Human NOS2 Antibody

Control: Used PBS instead of primary  
antibody

Second Ab: 2µg/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.