

Datasheet for ABIN7432718
anti-NOS2 antibody (AA 518-694)

6 Images

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Overview

Quantity:	100 µL
Target:	NOS2
Binding Specificity:	AA 518-694
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Nitric Oxide Synthase 2, Inducible (NOS2)
Immunogen:	Recombinant Nitric Oxide Synthase 2, Inducible (NOS2) corresponding to Ala518~Arg694 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NOS2. It has been selected for its ability to recognize NOS2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

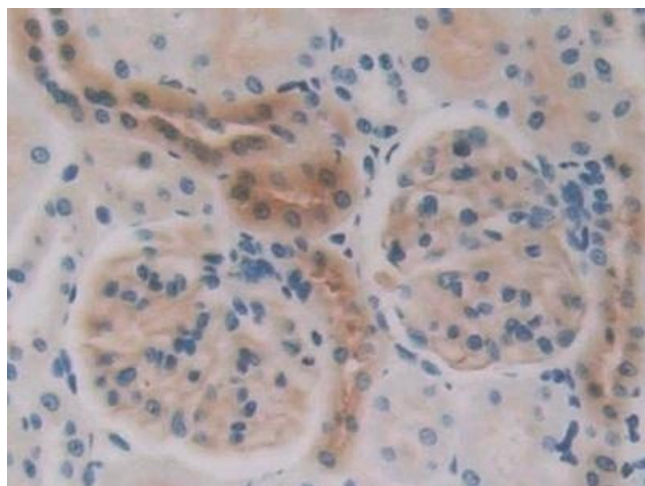
Target:	NOS2
Alternative Name:	Nitric Oxide Synthase 2, Inducible (NOS2 Products)
Background:	NOS2A, INOS, HEP-NOS, I-NOS, Hepatocytes Oxide Synthase, Peptidyl-cysteine S-nitrosylase NOS2
Pathways:	Retinoic Acid Receptor Signaling Pathway , Cellular Response to Molecule of Bacterial Origin , Inositol Metabolic Process , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	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.
Restrictions:	For Research Use only

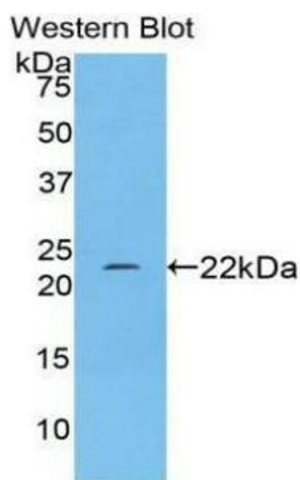
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



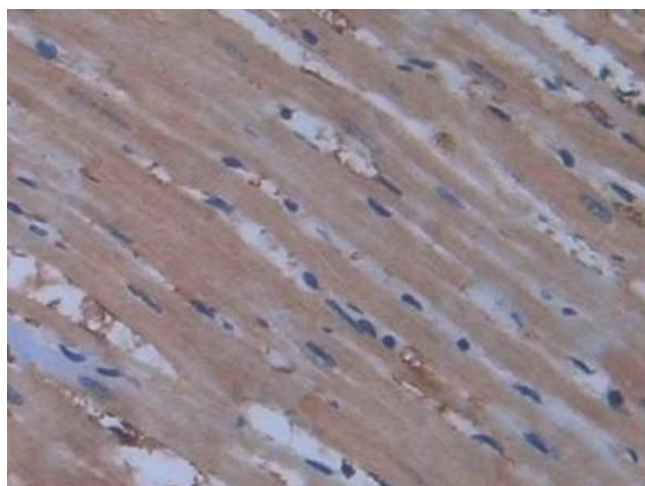
Immunohistochemistry

Image 1. Detection of NOS2 in Rat Kidney Tissue using Polyclonal Antibody to Nitric Oxide Synthase 2, Inducible (NOS2)



Western Blotting

Image 2. Detection of Recombinant NOS2, Rat using Polyclonal Antibody to Nitric Oxide Synthase 2, Inducible (NOS2)



Immunohistochemistry

Image 3. Detection of NOS2 in Rat Heart Tissue using Polyclonal Antibody to Nitric Oxide Synthase 2, Inducible (NOS2)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7432718.