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Datasheet for ABIN7428719 anti-NOS2 antibody (AA 533-696)

4 Images



Overview

Quantity:	100 μL
Target:	NOS2
Binding Specificity:	AA 533-696
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NOS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Nitric Oxide Synthase 2, Inducible (NOS2)
Immunogen:	Recombinant Nitric Oxide Synthase 2, Inducible (NOS2) corresdonding to Met533~Lys696 with N-terminal His Tag
Clone:	C6
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NOS2. It has been selected for its ability to recognize NOS2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

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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

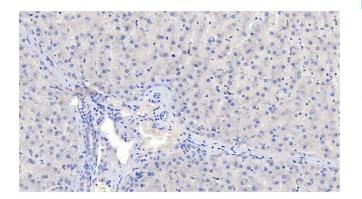
Application Details

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 $37^\circ C$ 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

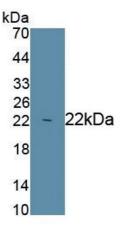
Format:	Liquid
Buffer:	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 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

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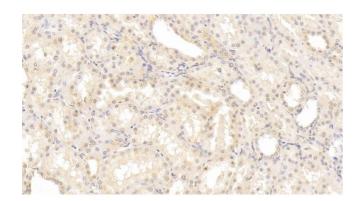
Immunohistochemistry

Image 1. Detection of NOS2 in Human Liver Tissue using Monoclonal Antibody to Nitric Oxide Synthase 2, Inducible (NOS2)



Western Blotting

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



Immunohistochemistry

Image 3. Detection of NOS2 in Human Kidney Tissue using Monoclonal Antibody to Nitric Oxide Synthase 2, Inducible (NOS2)

Please check the product details page for more images. Overall 4 images are available for ABIN7428719.

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