

Datasheet for ABIN7432670

anti-NOS1 antibody (AA 1199-1399)



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1 Image

Overview

Quantity:	100 µL
Target:	NOS1
Binding Specificity:	AA 1199-1399
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Nitric Oxide Synthase 1, Neuronal (NOS1)
Immunogen:	Recombinant Nitric Oxide Synthase 1, Neuronal (NOS1) corresponding to Ile1199~Ile1399 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NOS1. It has been selected for its ability to recognize NOS1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	NOS1
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Target Details

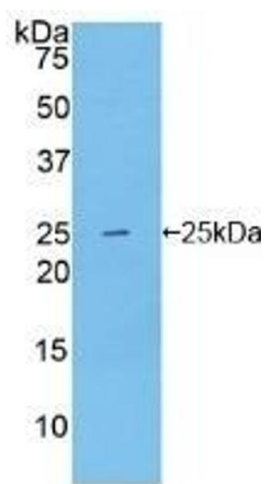
Alternative Name:	Nitric Oxide Synthase 1, Neuronal (NOS1 Products)
Background:	NOS, nNOS, iNOS, NC-NOS, N-NOS, bNOS, Neuronal NOS, Constitutive NOS, NOS type I, Nitric Oxide Synthase, Peptidyl-cysteine S-nitrosylase NOS1
Pathways:	Negative Regulation of Hormone Secretion, Myometrial Relaxation and Contraction

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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



Western Blotting

Image 1. Detection of Recombinant NOS1, Human using Polyclonal Antibody to Nitric Oxide Synthase 1, Neuronal (NOS1)