

Datasheet for ABIN7161623  
**anti-NOS1 antibody (AA 655-875)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	NOS1
Binding Specificity:	AA 655-875
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Nitric oxide synthase, brain protein (655-875AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	NOS1
Alternative Name:	NOS1 ( <a href="#">NOS1 Products</a> )
Background:	Background: Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In the brain and peripheral nervous system, NO displays many properties

## Target Details

of a neurotransmitter. Probably has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such SRR.

Aliases: 2310005C01Rik antibody, BNOS antibody, Constitutive NOS antibody, EC 1.14.13.39 antibody, IHPS 1 antibody, IHPS1 antibody, N-NOS antibody, NC-NOS antibody, neuronal Nitric Oxide Synthase antibody, Neuronal NOS antibody, Nitric oxide synthase , neuronal, included antibody, Nitric oxide synthase 1 (neuronal) antibody, Nitric oxide synthase 1 antibody, Nitric oxide synthase, brain antibody, Nitric oxide synthase, penile neuronal, included antibody, NNOS antibody, NO antibody, NOS 1 antibody, NOS antibody, NOS type I antibody, NOS-I antibody, NOS1 antibody, NOS1\_HUMAN antibody, Peptidyl-cysteine S-nitrosylase NOS1 antibody

UniProt: [P29475](#)

Pathways: [Negative Regulation of Hormone Secretion](#), [Myometrial Relaxation and Contraction](#)

## Application Details

Application Notes: Recommended dilution: WB:1:2000-1:10000, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

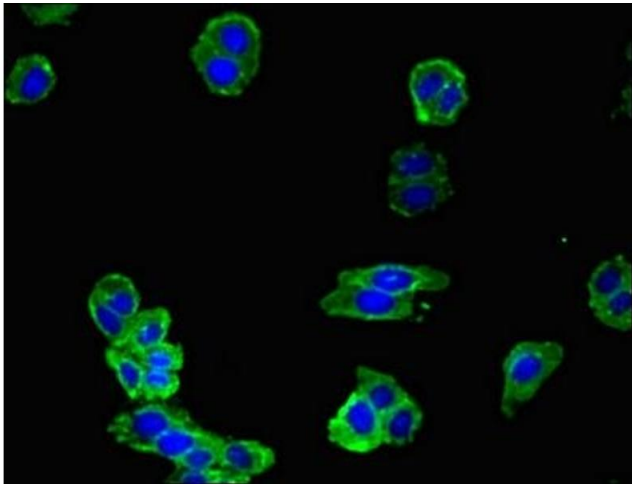
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

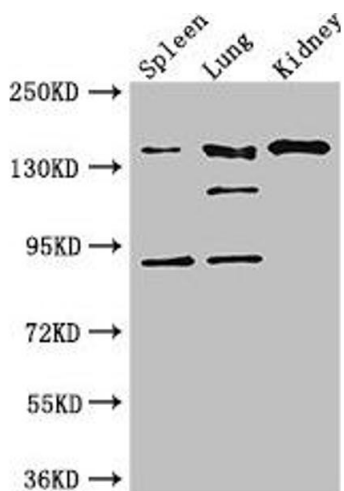
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunofluorescence

**Image 1.** Immunofluorescent analysis of HepG2 cells using ABIN7161623 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse spleen tissue, Mouse lung tissue, Mouse kidney tissue All lanes: NOS1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 161, 149, 126, 44, 165 kDa Observed band size: 161, 126, 92 kDa