

Datasheet for ABIN7439099
anti-ENOS antibody (AA 758-1004)



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1 Image

Overview

Quantity:	100 µL
Target:	ENOS (NOS3)
Binding Specificity:	AA 758-1004
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENOS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Endothelial NOS (eNOS)
Immunogen:	Recombinant Endothelial NOS (eNOS) corresponding to Arg758~Pro1004 (Accession # Q28969)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against eNOS. It has been selected for its ability to recognize eNOS in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	ENOS (NOS3)
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Target Details

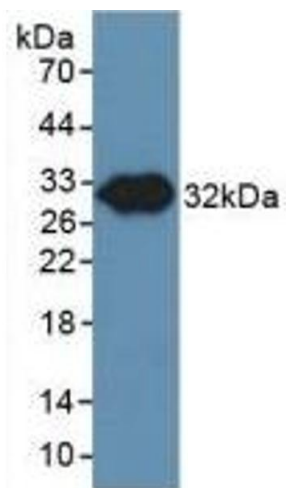
Alternative Name:	eNOS (NOS3 Products)
Background:	NOS3, ECNOS, NOS III, E-NOS, C-NOS, ENOS, CNOS, Constitutive NOS, Nitric Oxide Synthase 3, Endothelial
UniProt:	Q28969
Pathways:	ACE Inhibitor Pathway , Regulation of Systemic Arterial Blood Pressure by Hormones , Cellular Response to Molecule of Bacterial Origin , Myometrial Relaxation and Contraction , Signaling Events mediated by VEGFR1 and VEGFR2 , Thromboxane A2 Receptor Signaling , VEGFR1 Specific Signals , VEGF Signaling

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
Concentration:	500 µg/mL
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



Western Blotting

Image 1. Detection of Recombinant NOS3, Porcine using Polyclonal Antibody to Endothelial NOS (eNOS)