

Datasheet for ABIN7432799
anti-ENOS antibody (AA 888-1001)



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2 Images

Overview

Quantity:	100 µL
Target:	ENOS (NOS3)
Binding Specificity:	AA 888-1001
Reactivity:	Mouse
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 Glu888~Pro1001 (Accession # P70313)
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.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

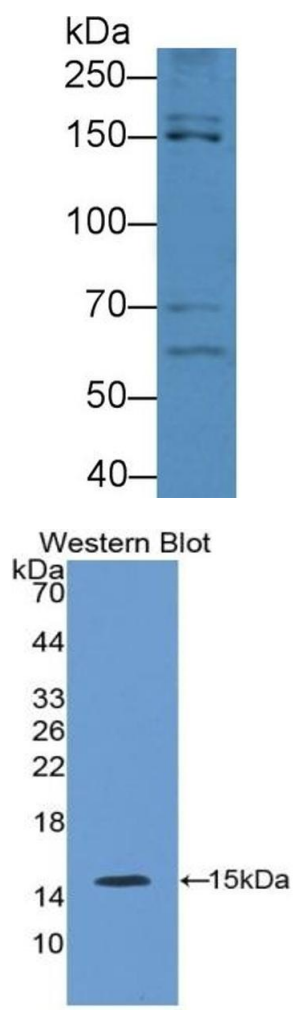
Target:	ENOS (NOS3)
Alternative Name:	eNOS (NOS3 Products)
Background:	NOS3, ECNOS, NOS III, E-NOS, C-NOS, ENOS, CNOS, Constitutive NOS, Nitric Oxide Synthase 3, Endothelial
UniProt:	P70313
Pathways:	ACE Inhibitor Pathway , Regulation of Systemic Arterial Blood Pressure by Hormones , Cellular Response 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: 0.01-2 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:	0.5 mg/mL
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 eNOS in Mouse Brain lysate using Polyclonal Antibody to Endothelial NOS (eNOS)

Western Blotting

Image 2. Detection of Recombinant eNOS, Mouse using Polyclonal Antibody to Endothelial NOS (eNOS)