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# Datasheet for ABIN7432796 anti-ENOS antibody (AA 756-888)

3 Images



#### Overview

Quantity:	100 μL
Target:	ENOS (NOS3)
Binding Specificity:	AA 756-888
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENOS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

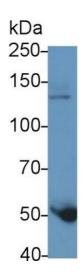
## Product Details

Purpose:	Polyclonal Antibody to Endothelial NOS (eNOS)
Immunogen:	Recombinant Endothelial NOS (eNOS) corresdonding to Arg756~Gln888 with N-terminal His Tag
lsotype:	lgG
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:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details	
Target:	ENOS (NOS3)
Alternative Name:	Endothelial NOS (NOS3 Products)
Background:	NOS3, ECNOS, NOS III, E-NOS, C-NOS, ENOS, CNOS, Constitutive NOS, Nitric Oxide Synthase 3, Endothelial
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
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

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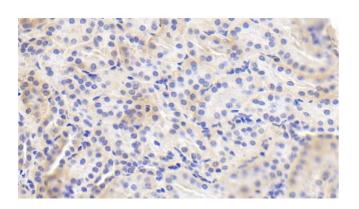


### Western Blotting

**Image 1.** Detection of eNOS in Mouse Placenta lysate using Polyclonal Antibody to Endothelial NOS (eNOS)

#### Immunohistochemistry

**Image 2.** Detection of eNOS in Human Spleen Tissue using Polyclonal Antibody to Endothelial NOS (eNOS)



#### Immunohistochemistry

**Image 3.** Detection of eNOS in Human Kidney Tissue using Polyclonal Antibody to Endothelial NOS (eNOS)

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