

Datasheet for ABIN2119479
anti-ENOS antibody (AA 522-705)



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2 Images

Overview

Quantity:	100 µL
Target:	ENOS (NOS3)
Binding Specificity:	AA 522-705
Reactivity:	Cow
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:	NOS3 (Ala522-Phe705)
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, Mouse, Rat
Characteristics:	The antibody is a rabbit polyclonal antibody raised against NOS3. It has been selected for its ability to recognize NOS3 in immunohistochemical staining and western blotting.
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
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

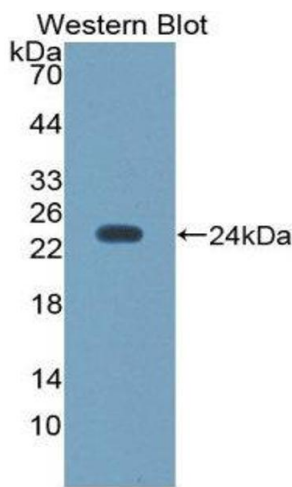
Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 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

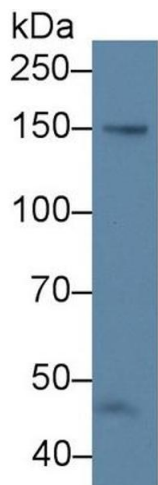
Format:	Liquid
Concentration:	500 µg/mL
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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: 12 months



Western Blotting

Image 1.



Western Blotting

Image 2. Western Blot; Sample: Human 304 cell lysate; Primary Ab: 5µg/ml Rabbit Anti-Bovine NOS3 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)