

Datasheet for ABIN7538097
anti-ENOS antibody

2 Images



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Overview

Quantity:	100 µL
Target:	ENOS (NOS3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENOS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit polyclonal antibodies to NO Synthase
Immunogen:	Peptide conjugated to KLH (RHLRGAVPWAFDPPGPDTPGP)
Isotype:	IgG, IgM
Specificity:	Nitric oxide synthase 3
Cross-Reactivity (Details):	May cross-react with other species
Purification:	Immunogen affinity column

Target Details

Target:	ENOS (NOS3)
Alternative Name:	Endothelial Nitric Oxide Synthase (NOS3 Products)
Background:	Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a

Target Details

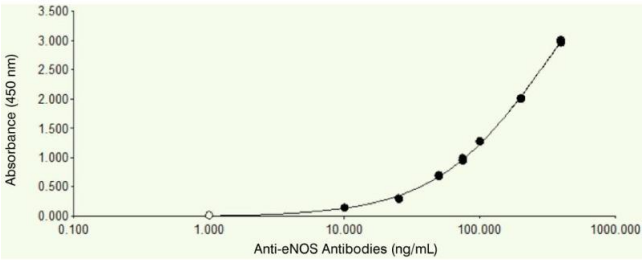
	cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets
Molecular Weight:	133287 Da
Gene ID:	4846
NCBI Accession:	NP_000594
UniProt:	P29474
Pathways:	ACE Inhibitor 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 blot: 1.0 -5.0 µg/mL
Restrictions:	For Research Use only

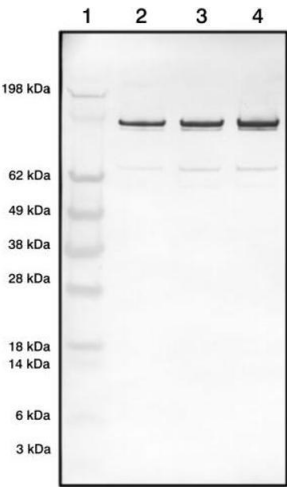
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Glycine pH 7.2
Storage:	4 °C,-80 °C
Storage Comment:	Short term up to 1 month at 2-8°C, long term can be held for up to five years at -70°C



ELISA

Image 1. ELISA Plates were coated with 1 µg/mL recombinant human eNOS, our polyclonal rabbit anti eNOS was added at different concentrations and detected with an anti-rabbit HRP.



Western Blotting

Image 2. Western blot demonstrating our polyclonal detecting recombinant human eNOS (P29474) at 1in500 dilution (1 = Marker, 2 =eNOS (200 ng), 3 =eNOS (300 ng), 4=eNOS (400 ng))