Datasheet for ABIN7265238

anti-ENOS antibody (pSer1177)

3 Images

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Overview

Quantity:	200 µL
Target:	ENOS (NOS3)
Binding Specificity:	pSer1177
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENOS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic phosphorylated peptide around S1177 of human eNOS (NP_000594.2).
Isotype:	IgG
Characteristics:	Phosphorylated antibody
Purification:	Affinity purification

Target Details

Target:	ENOS (NOS3)
Alternative Name:	eNOS (NOS3 Products)
Background:	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is

Target Details

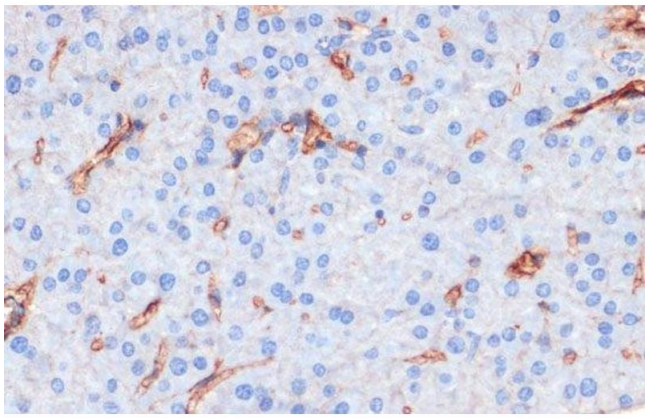
	synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Alternative splicing and the use of alternative promoters results in multiple transcript variants.
Molecular Weight:	Observed_MW: 133 kDa Calculated_MW: 67 kDa/68 kDa/133 kDa
Gene ID:	4846
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:	WB 1:500-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only

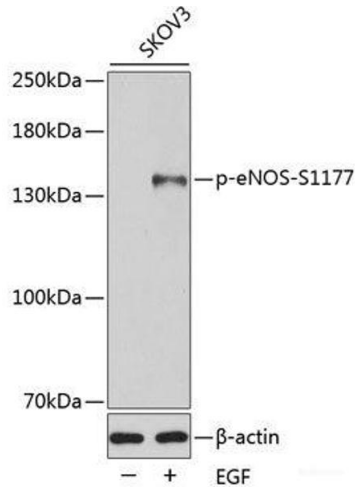
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



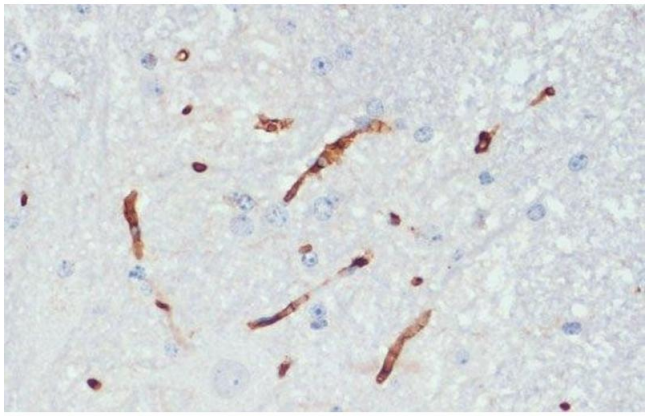
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Mouse pancreas using Phospho-eNOS(S1177) Polyclonal Antibody at dilution of 1:200 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of SKOV3 cells using Phospho-eNOS(S1177) Polyclonal Antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Mouse spinal cord using Phospho-eNOS(S1177) Polyclonal Antibody at dilution of 1:200 (40x lens).