

Datasheet for ABIN1532739
anti-ENOS antibody (AA 1145-1194)



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2 Images

Overview

Quantity:	100 µL
Target:	ENOS (NOS3)
Binding Specificity:	AA 1145-1194
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENOS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human eNOS.
Isotype:	IgG
Specificity:	eNOS Antibody detects endogenous levels of total eNOS protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ENOS (NOS3)
Alternative Name:	eNOS (NOS3 Products)
Background:	Synonyms: cNOS, Constitutive NOS, EC-NOS, ECNOS, Endothelial NOS, Nitric-oxide synthase,

Target Details

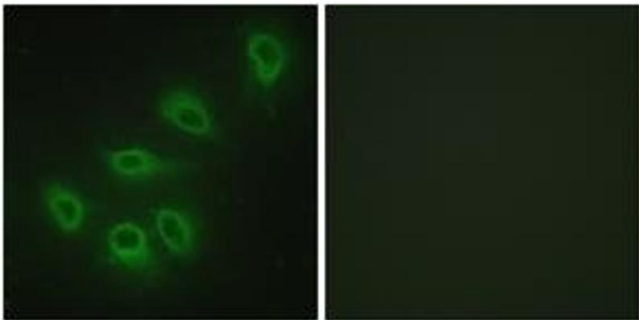
	endothelial, NOS, type III, NOS3, NOSIII NCBI Gene Symbol: NOS3
Molecular Weight:	133 kDa
Gene ID:	4846
OMIM:	163729
UniProt:	P29474
Pathways:	ACE Inhibitor Pathway , Regulation of Systemic Arterial Blood Pressure by Hormones , Cellular Response to Molecule of Bacterial Origin , Myometrial Relaxation and Contraction , Signaling Events mediated by VEGFR1 and VEGFR2 , Thromboxane A2 Receptor Signaling , VEGFR1 Specific Signals , VEGF Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.647092 (NCBI Gene Symbol: NOS3)
Restrictions:	For Research Use only

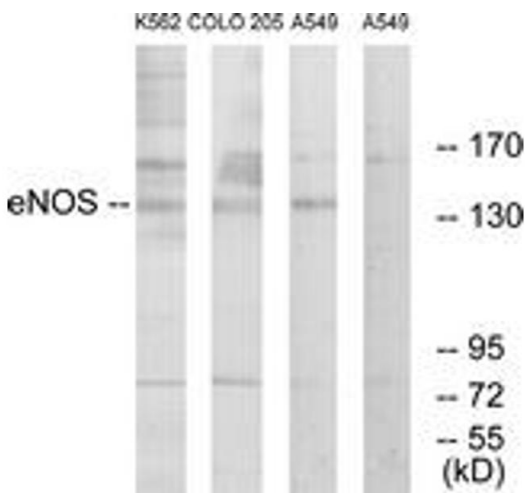
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using eNOS (Ab-1179) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from A549/K562/COLO205 cells, using eNOS (Ab-1179) Antibody. The lane on the right is treated with the synthesized peptide.