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Datasheet for ABIN562019

anti-NOS1 antibody (AA 1041-1150)

2 Images

Overview

Quantity:	50 µL
Target:	NOS1
Binding Specificity:	AA 1041-1150
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This NOS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant NOS1.
Immunogen:	NOS1 (NP_000611, 1041 a.a. ~ 1150 a.a) partial recombinant protein with GST tag.
Sequence:	FPGNHEDLVN ALIERLEDAP PVNQMVKVEL LEERNTALGV ISNWTDELRL PPCTIFQAFK YYLDITTPPT PLQLQQFASL ATSEKEKQRL LVLSKGLQEY EEWKWKGNPT
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	NOS1
Alternative Name:	NOS1 (NOS1 Products)

Target Details

Background:	Full Gene Name: nitric oxide synthase 1 (neuronal) Synonyms: IHPS1,NOS,nNOS
Gene ID:	4842
NCBI Accession:	NM_000620
Pathways:	Negative Regulation of Hormone Secretion, Myometrial Relaxation and Contraction

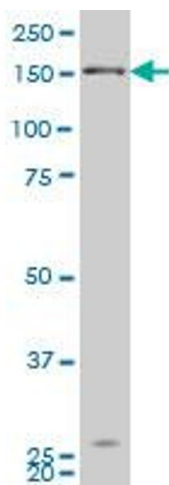
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

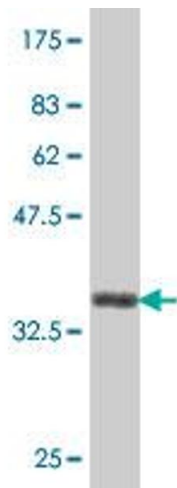
Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. NOS1 polyclonal antibody (A01), Lot # 060105JC01 Western Blot analysis of NOS1 expression in SJCRH30 .



Western Blotting

Image 2. Western Blot detection against Immunogen (38.21 kDa).