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Datasheet for ABIN657754

anti-NOSTRIN antibody (AA 296-325)

1 Image

Overview

Quantity:	400 µL
Target:	NOSTRIN
Binding Specificity:	AA 296-325
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOSTRIN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NOSTRIN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-325 amino acids from the Central region of human NOSTRIN.
Clone:	RB33426
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NOSTRIN
Alternative Name:	NOSTRIN (NOSTRIN Products)
Background:	Nitric oxide (NO) is a potent mediator in biologic processes such as neurotransmission,

Target Details

inflammatory response, and vascular homeostasis. NOSTRIN binds the enzyme responsible for NO production, endothelial NO synthase (ENOS, MIM 163729), and triggers the translocation of ENOS from the plasma membrane to vesicle-like subcellular structures, thereby attenuating ENOS-dependent NO production.

Molecular Weight: 57660

Gene ID: 115677

NCBI Accession: [NP_001034813](#), [NP_001165102](#), [NP_001165103](#), [NP_443178](#)

UniProt: [Q8IVI9](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

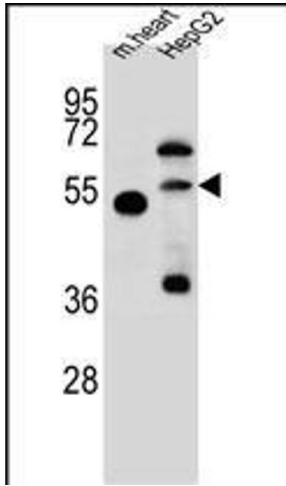
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: NOSTRIN Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. NOSTRIN Antibody (Center) (ABIN657754 and ABIN2846736) western blot analysis in mouse heart tissue and HepG2 cell line lysates (35 µg/lane). This demonstrates the NOSTRIN antibody detected the NOSTRIN protein (arrow).