

NOSTRIN rabbit monoclonal antibody

Catalog # H00115677-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NOSTRIN peptide using ARM Technology.
Immunogen	A synthetic peptide of human NOSTRIN is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NOSTRIN peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NOSTRIN

Entrez GeneID	115677
GeneBank Accession#	NOSTRIN
Gene Name	NOSTRIN
Gene Alias	DaIP2, MGC20702
Gene Description	nitric oxide synthase trafficker
Omim ID	607496
Gene Ontology	Hyperlink
Gene Summary	Nitric oxide (NO) is a potent mediator in biologic processes such as neurotransmission, 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.[supplied by OMIM]
Other Designations	ENOS traffic inducer endothelial nitric oxide synthase traffic inducer nitric oxide synthase trafficking ortholog of mouse disabled 2 interacting protein 2

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)