

Rabbit NOSTRIN Polyclonal Antibody | anti-NOSTRIN antibody

NOSTRIN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40775	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

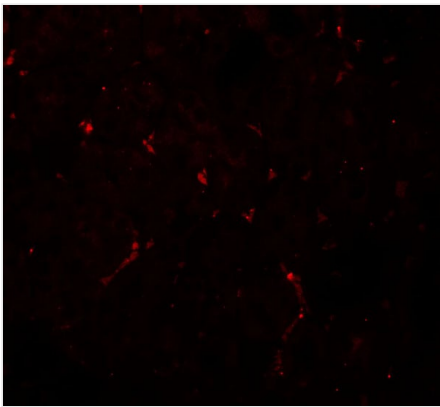
PRODUCT SYNONYMS

NOSTRIN; Polyclonal Antibody; NOSTRIN Antibody; Nitric oxide synthase traffic inducer; eNOS-trafficking inducer; Nitric oxide synthase trafficker; BM247 homolog; DaIP2; nitric oxide synthase trafficking; anti-NOSTRIN antibody

PRODUCT SPECIFICATIONS

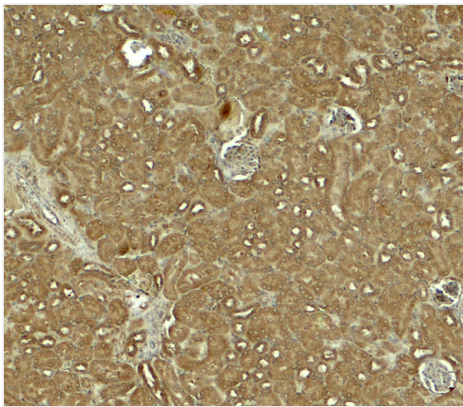
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NOSTRIN antibody is human, mouse and rat reactive. At least four isoforms are known to exist; this antibody will detect all four isoforms.
Purity/Purification	NOSTRIN antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	428
Applicable Applications for anti-NOSTRIN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NOSTRIN antibody was raised against a 17 amino acid peptide near the carboxy terminus of human NOSTRIN.
Buffer	NOSTRIN antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NOSTRIN antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



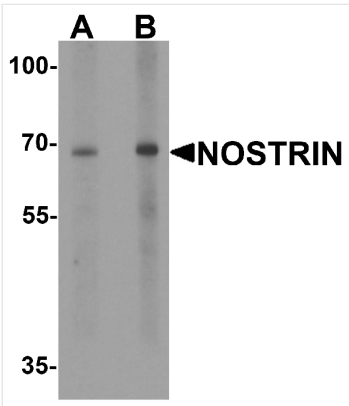
IF (Immunofluorescence)

Immunofluorescence of NOSTRIN in mouse kidney tissue with NOSTRIN antibody at 20 µg/ml.



IHC (Immunohistochemistry)

Immunohistochemistry of NOSTRIN in mouse kidney tissue with NOSTRIN antibody at 5 µg/ml.



WB (Western Blot)

Western blot analysis of NOSTRIN in SW480 cell lysate with NOSTRIN antibody at (A) 1 and (B) 2 µg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-NOSTRIN antibody	NOSTRIN, also known as endothelial nitric oxide synthase traffic inducer, is a member of the Pombe Cdc15 homology (PCH) family of proteins which may function as the modulator of the subcellular localisation and activity of endothelial nitric oxide synthase (eNOS) (1,2). It decreases NOS3 activity by inducing its translocation away from the plasma membrane (3). NOSTRIN typically exists as a trimer and is expressed in the vascular endothelial cells of highly vascularized tissues such as placenta, lung, kidney and heart. NOSTRIN is necessary for proper vascular development in zebrafish and postnatal retinal angiogenesis in mice (4,5).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	284172479
NCBI GeneID	115677
NCBI Accession #	NP_443178
NCBI GenBank Nucleotide #	NM_052946.3
UniProt Accession #	Q8IVI9; Q27HG3; Q53S62; Q96CJ9; A8K2I9; B3KSF5; E7EPT9
Molecular Weight	Predicted: 47; 53; 56; 62 kDa Observed: 68 kDa
NCBI Official Full Name	nostrin isoform 1

NCBI Official Synonym Full Names	nitric oxide synthase trafficking
NCBI Official Symbol	NOSTRIN
NCBI Official Synonym Symbols	DaIP2
NCBI Protein Information	nostrin; BM247 homolog; ENOS traffic inducer; eNOS-trafficking inducer; nitric oxide synthase trafficker; nitric oxide synthase traffic inducer; endothelial nitric oxide synthase traffic inducer; ortholog of mouse disabled 2 interacting protein 2
UniProt Protein Name	Nostrin
UniProt Gene Name	NOSTRIN
UniProt Entry Name	NOSTN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nostrin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40775>