

NOSTRIN Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16431**Specification**

NOSTRIN Antibody (C-Terminus) - Product Information

Application	IHC, IF
Primary Accession	Q8IVI9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58kDa KDa

NOSTRIN Antibody (C-Terminus) - Additional Information**Gene ID** 115677**Other Names**

Nostrin, BM247 homolog, Nitric oxide synthase traffic inducer, Nitric oxide synthase trafficker, eNOS-trafficking inducer, NOSTRIN

Target/Specificity

NOSTRIN antibody is human, mouse and rat reactive. At least four isoforms are known to exist; this antibody will detect all four isoforms.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

NOSTRIN Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

NOSTRIN Antibody (C-Terminus) - Protein Information**Name** NOSTRIN ([HGNC:20203](#))**Function**

Multivalent adapter protein which may decrease NOS3 activity by inducing its translocation away from the plasma membrane.

Cellular Location

[Isoform 1]: Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasmic vesicle. Cytoplasm, cytoskeleton Note=Enriched in selected actin structures (PubMed:16234328, PubMed:16376344)

Tissue Location

Expressed at highest levels in heart, kidney, placenta and lung, and at lowest levels in brain, thymus and spleen Present in vascular endothelial cells and placenta. Over-expressed in placenta

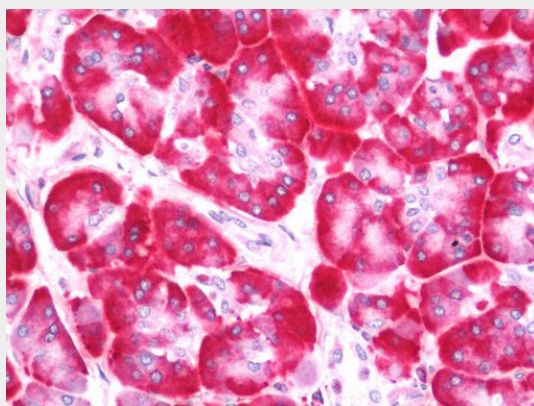
from women with pre-eclampsia (at protein level)

NOSTRIN Antibody (C-Terminus) - Protocols

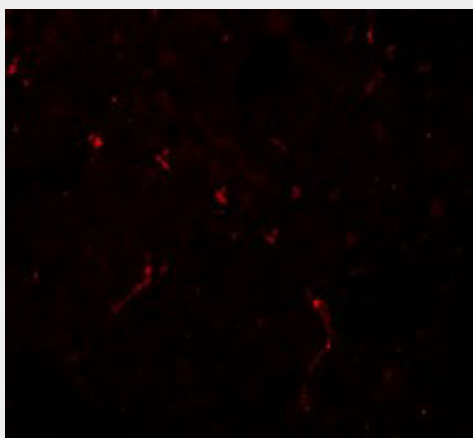
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NOSTRIN Antibody (C-Terminus) - Images



Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



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

NOSTRIN Antibody (C-Terminus) - Background

Multivalent adapter protein which may decrease NOS3 activity by inducing its translocation away from the plasma membrane.

NOSTRIN Antibody (C-Terminus) - References

Zimmermann K.,et al.Proc. Natl. Acad. Sci. U.S.A. 99:17167-17172(2002).
Beese M.,et al.Submitted (FEB-2006) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Li W.B.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.