BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-NOSTRIN Antibody

Catalog Number: A06014

About NOSTRIN

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).

Submit a product review to Biocompare.com



Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-NOSTRIN Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NOSTRIN Antibody (Catalog # A06014). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	NOSTRIN antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	NOSTRIN antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q8IVI9

Technical Details

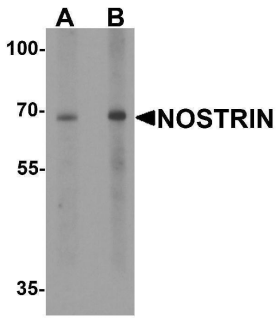
Immunogen	NOSTRIN antibody was raised against a 17 amino acid peptide near the carboxy terminus of human NOSTRIN. The immunogen is located within amino acids 430 - 480 of NOSTRIN.
Predicted Reactive Species	Bovine
Cross Reactivity	NOSTRIN antibody is human, mouse and rat reactive. At least four isoforms are known to exist; this antibody will detect all four isoforms.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

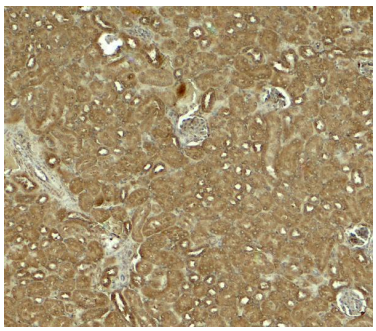
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	NOSTRIN antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	NOSTRIN antibody can be used for detection of NOSTRIN by Western blot at 1 - 2 ug/ml. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

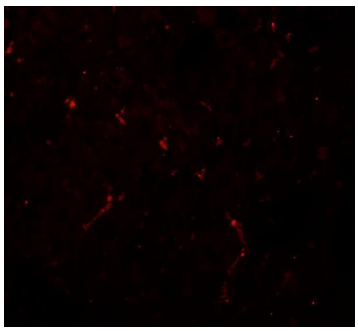
Anti-NOSTRIN Antibody (A06014) Images



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



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



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

For Research Use Only. Not for use in diagnostic procedures.