

## Anti-NOSTRIN Antibody

Catalog Number: A06014-1

### 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).

### Overview

Product Name	Anti-NOSTRIN Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NOSTRIN Antibody catalog # A06014-1. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q8IV19

### Technical Details

Immunogen	E.coli-derived human NOSTRIN recombinant protein (Position: N125-A428).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400

Immunoprecipitation, 1:50  
ELISA, 1:100-1000

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Anti-NOSTRIN Antibody

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