

For Research Use Only

# NOSTRIN Polyclonal antibody

Catalog Number: 20116-1-AP **12 Publications**



## Basic Information

<b>Catalog Number:</b> 20116-1-AP	<b>GenBank Accession Number:</b> BC014189	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 400 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 115677	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IV19	
<b>Isotype:</b> IgG	<b>Full Name:</b> nitric oxide synthase trafficker	
<b>Immunogen Catalog Number:</b> AG13989	<b>Calculated MW:</b> 506 aa, 58 kDa	
	<b>Observed MW:</b> 64 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, mouse heart tissue, human placenta tissue, mouse liver tissue, mouse lung tissue IP : human placenta tissue, IHC : human heart tissue, mouse testis tissue, human hepatocirrhosis tissue IF : HepG2 cells,
<b>Cited Applications:</b> IF, IHC, WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse, rat	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Han Xie	29115445	Mol Med Rep	
Mohamed Abd-Elbaset	27717985	Naunyn Schmiedebergs Arch Pharmacol	
Dejuan Li	29220696	Redox Biol	WB

## Storage

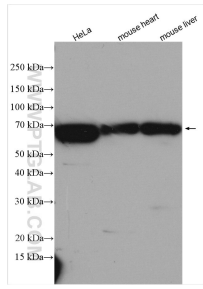
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

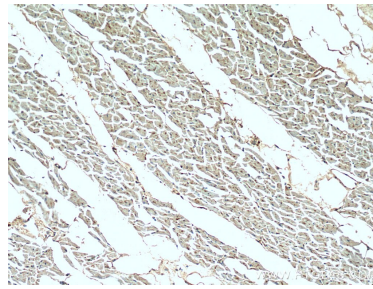
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

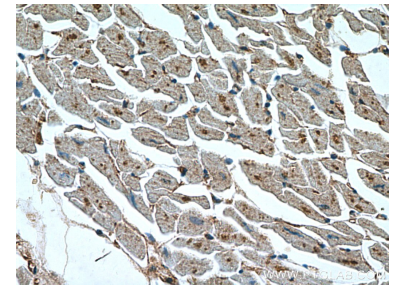
## Selected Validation Data



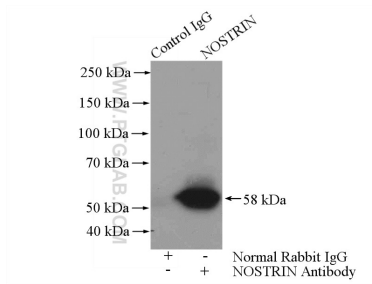
Various lysates were subjected to SDS PAGE followed by western blot with 20116-1-AP (NOSTRIN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



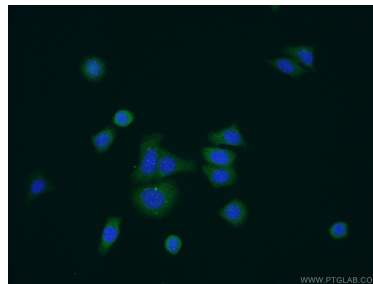
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 20116-1-AP (NOSTRIN Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 20116-1-AP (NOSTRIN Antibody) at dilution of 1:200 (under 40x lens).



IP Result of anti-NOSTRIN (IP:20116-1-AP, 4ug; Detection:20116-1-AP 1:500) with human placenta tissue lysate 1600ug.



Immunofluorescent analysis of HepG2 cells using 20116-1-AP (NOSTRIN antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).