

For Research Use Only

# eNOS Polyclonal antibody

Catalog Number: 27120-1-AP **36 Publications**



## Basic Information

<b>Catalog Number:</b> 27120-1-AP	<b>GenBank Accession Number:</b> GeneID (NCBI): 4846	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>UNIPROT ID:</b> P29474	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> nitric oxide synthase 3 (endothelial cell)	
<b>Isotype:</b> IgG	<b>Observed MW:</b> 133 kDa, 69 kDa	
<b>Immunogen Catalog Number:</b> AG25712		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse liver tissue, bEnd.3 cells, mouse kidney tissue, rat kidney tissue
<b>Cited Applications:</b> WB,IHC,IF	
<b>Species Specificity:</b> mouse, rat	
<b>Cited Species:</b> human, rat, mouse, pig	

## Background Information

Endothelial NOS(eNOS), also known as nitric oxide synthase 3(NOS3), has a protective function in the cardiovascular system, which is attributed to NO production. NOS3 has 3 isoforms of 68, 69, 133 kDa. Polymorphisms in NOS3 gene affects the susceptibility to several diseases such as hypertension, preeclampsia, diabetes mellitus, obesity, erectile dysfunction, and migraine.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jingming Zhuang	36161709	Andrology	IHC
Xiaodong Fu	28925510	Clin Exp Pharmacol Physiol	WB
Peng Liu	36071548	J Cell Mol Med	WB

## Storage

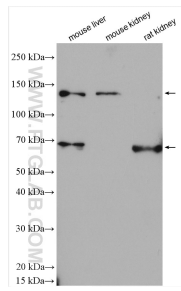
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27120-1-AP (NOS3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.