

For Research Use Only

# eNOS Polyclonal antibody

Catalog Number: 27120-1-AP **76 Publications**



## Basic Information

Catalog Number:

27120-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25712

GenBank Accession Number:

GeneID (NCBI):

4846

UNIPROT ID:

P29474

Full Name:

nitric oxide synthase 3 (endothelial cell)

Observed MW:

133 kDa, 69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat, pig

Positive Controls:

WB : bEnd.3 cells, HUVEC cells, mouse liver tissue

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

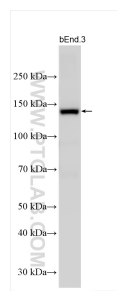
T: 4006900926

E: Proteintech-CN@ptglab.com

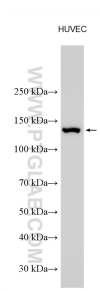
W: ptgcn.com

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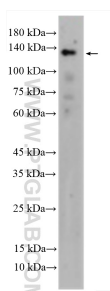
## Selected Validation Data



bEnd.3 cells were subjected to SDS PAGE followed by western blot with 27120-1-AP (eNOS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 27120-1-AP (eNOS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



mouse liver tissue were subjected to SDS PAGE followed by western blot with 27120-1-AP (eNOS antibody) at dilution of 1:450 incubated at room temperature for 1.5 hours.