

For Research Use Only

# eNOS Polyclonal antibody

Catalog Number: 27120-1-AP

62 Publications



## Basic Information

Catalog Number:

27120-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

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 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

mouse, rat

Cited Species:

human, mouse, rat, pig

Positive Controls:

WB: mouse liver tissue, bEnd.3 cells, mouse kidney tissue, rat kidney 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

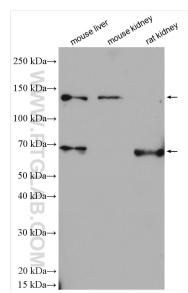
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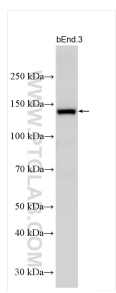
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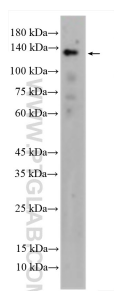
## Selected Validation Data



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.



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.



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.