

For Research Use Only

eNOS Polyclonal antibody

Catalog Number: 27120-1-AP **46 Publications**



Basic Information

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

Applications

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

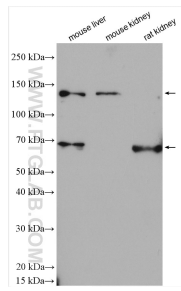
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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.