

For Research Use Only

Phospho-eNOS (Thr495) Polyclonal antibody



Catalog Number: 28939-1-AP

4 Publications

Basic Information

Catalog Number: 28939-1-AP	GenBank Accession Number: BC063294	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 650 µg/ml by Nanodrop;	GeneID (NCBI): 4846	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: nitric oxide synthase 3 (endothelial cell)	
Isotype: IgG	Calculated MW: 133 kDa	
	Observed MW: 133 kDa	

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
Human

Cited Species:
human, rat

Positive Controls:

WB : VEGF treated HUVEC cells, EGF treated HUVEC cells, Cobalt Chloride treated HUVEC cells

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. 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
Sha Wang	35602302	J Oncol	WB
Hailu Wu	33376304	Drug Des Devel Ther	WB
Jun Zhao	37804283	Cytotherapy	WB

Storage

Storage:

Store at -20°C.

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

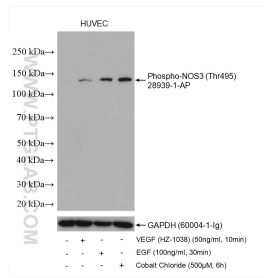
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Selected Validation Data



Non-treated, VEGF (HZ-1038), EGF and Cobalt Chloride treated HUVEC cells were subjected to SDS PAGE followed by western blot with 28939-1-AP (Phospho-NOS3 (Thr495) antibody) at dilution of 1:1000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.