For Research Use Only

Phospho-eNOS (Thr495) Polyclonal antibody

Catalog Number: 28939-1-AP

6 Publications



| Basic Information | 28939-1-AP | GenBank Accession Number: BC063294 | Purification Method: Antigen affinity purification | |
|---|---|--|--|--|
| | Size: 100ul , Concentration: 650 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG | GenelD (NCBI): | Recommended Dilutions: WB 1:500-1:2000 | |
| | | 4846 | | |
| | | 0NIPROT ID: P29474 | | |
| | | Full Name: | | |
| | | nitric oxide synthase 3 (endothelial cell) | | |
| | | Calculated MW: 133 kDa | | |
| | | Observed MW: 133 kDa | | |
| Applications | Tested Applications: | Positive Controls: | | |
| | WB, ELISA | WB : VEGF treated HUVEC cells, EGF treated HUVEC cells, Cobalt Chloride treated HUVEC cells | | |
| | WB | | | |
| | Species Specificity: human Cited Species: human, mouse, rat | | | |
| | | | | |
| Background Information | Endothelial NOS (eNOS), also knowr cardiovascular system, which is attri to several diseases such as hyperten migraine. The sequence homology o threonine at 495 site in human corres | n as nitric oxide synthase 3 (NOS3), h buted to NO production. Polymorphi sion, preeclampsia, diabetes mellitr f eNOS protein in human and mouse sponds to 494 site in mouse. | nas a protective function in the sms in NOS3 gene affects the susceptibility us, obesity, erectile dysfunction, and is above 90%, and phosphorylation of | |
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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.