

For Research Use Only

NOS3 Recombinant antibody, PBS Only

Catalog Number: 85020-4-PBS



Basic Information

Catalog Number:

85020-4-PBS

Size:

100ug, Concentration: 1 mg/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:

140 kDa

Purification Method:

Protein A purification

CloneNo.:

242543E10

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

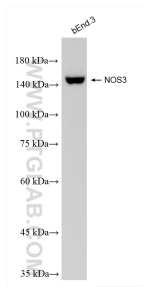
For technical support and original validation data for this product please contact:

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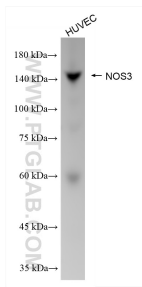
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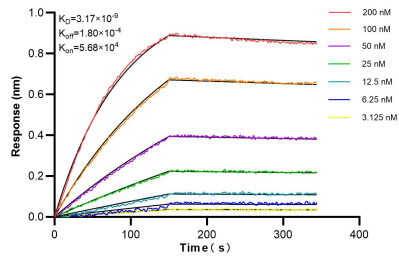
Selected Validation Data



bEnd.3 cells were subjected to SDS PAGE followed by western blot with 85020-4-RR (NOS3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85020-4-PBS in a different storage buffer formulation.



HUVEC cells were subjected to SDS PAGE followed by western blot with 85020-4-RR (NOS3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85020-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85020-4-RR against Human NOS3 were performed. The affinity constant is 3.17 nM.