

NOS3 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP06114

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human eNOS. AA range:1144-1193

Mol wt 133289

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name NOS3 Antibody

Synonyms NOS3; Nitric oxide synthase; endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS;

NOS type III; NOSIII

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in NOS3 are associated with susceptibility to coronary spasm. Multiple transcript variants encoding different isoforms have been found for NOS3.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 40000

Not yet tested in other applications.

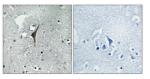
Images

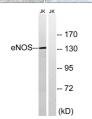


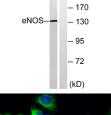
Western Blot analysis of HepG2 cells using NOS3 Polyclonal Antibody

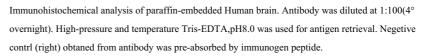


Western Blot analysis of HepG2 cells using NOS3 Polyclonal Antibody

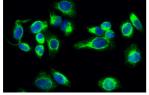








Western blot analysis of lysates from Jurkat cells, treated with Insulin $0.01 \text{U/ml}\ 15$ ', using eNOS Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of Hela cell. 1,NOS3 Polyclonal Antibody(green) was diluted at $1:\!200(4^\circ$ overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at $1:\!1000(\text{room temperature},$ 50min). 3 DAPI(blue) 10min.

Storage

-20°C for one year

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