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NOS3 (N) Antibody, Rabbit Polyclonal

Cat#: R1564-1

Quantity: 100 ul

Predicted | Observed M.W.: 133 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P29474

Background:

Nitric oxide synthase III (NOS3) is also known as endothelial NOS (eNOS). NOS3 produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets. Variation in NOS3 seem to be associated with susceptibility to coronary spasm.

Other Names:

Nitric oxide synthase, endothelial; Constitutive NOS, cNOS, EC-NOS, Endothelial NOS, eNOS, NOS type III, NOSIII

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human NOS3. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

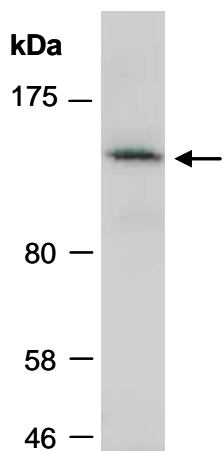


Fig 1. Western blot of total cell extracts from mouse thymus, using anti-NOS3 (N) (R1564-1) at RT for 2 h.