Anti-eNOS Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011265

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human eNOS.
Format	Affinity purified polyclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at 20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-eNOS antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	NOS3, Nitric oxide synthase, endothelial, Constitutive NOS, cNOS, EC-NOS, Endothelial NOS, eNOS, NOS type III, NOSIII.
Calculated MW	Calculated MW: 133 kDa; Observed MW: 140 kDa
Primary Accession	P29474
Gene ID	4846
Background	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.Isoform eNOS13C: Lacks eNOS activity, dominant-negative form that may down-regulate eNOS activity by forming heterodimers with isoform 1.

ENOS/NOS3 →

— 150kDa
— 100kDa
— 70kDa
— 50kDa
— 40kDa
— 35kDa
— 25kDa

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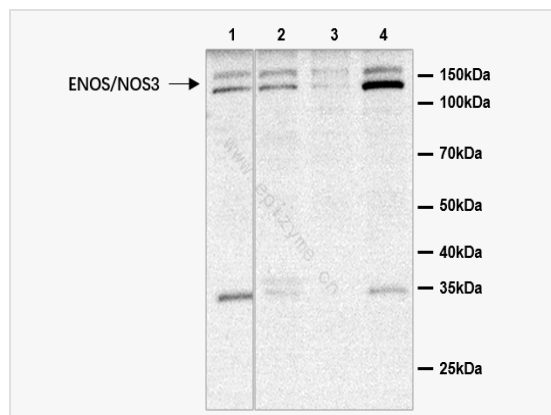
Western Blot - Anti-eNOS Rabbit pAb
All lanes: P011265 at 1:1,000 dilution
Lane 1: HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (human hepatocellular carcinoma epithelial cell) whole cell lysates
Lane 3: U2OS (human osteosarcoma epithelial cell) whole cell lysates
Lane 4: SW620 (human colorectal carcinoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 133 kDa
Observed band size: 140 kDa
Developed using the ECL technique (Cat. No. SQ201).