



e-NOS (Phospho-Ser1177) Antibody

#14188

Catalog Number: 14188-1, 14188-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P29474

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human e-NOS around the phosphorylation site of Serine 1177

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Phospho-e-NOS (Ser 1177) Antibody detects endogenous levels of e-NOS only when phosphorylated at Serine 1177

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 140kd WB: 1:500~1:2000 IHC: 1:50-200



Western blot analysis of eNOS phosphorylation expression in Insulin treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Background :

eNOS is an endothelial constitutive nitric oxide synthase. Synthesizes nitric oxide (NO) from arginine and oxygen, which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway.