eNOS(Phospho-Ser1176)Antibody [#8A7071]

Catalog Number: 8A7071

Concentration: 1mg/ml

Molecular Weight: 133 Kd

Origin of Antibody: Rabbit

Swiss-Prot No.: P29474

NCBI Gene Symbol: NOS3

Other Names: cNOS; Constitutive NOS; EC-NOS; ECNOS; Endothelial NOS; Nitric-oxide synthase, endothelial; NOS,

type III; NOS3; NOSIII

All Sites: H:S1177 M:S1176 R:S1176

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

Rabbit IgG in phosphate buffered saline (without Mg and Ca), pH 7.4, 150mM NaCl, 0.02% Form of Antibody:

sodium azide and 50% glycerol.

The antiserum was produced against synthesized peptide derived from human eNOS around the Immunogen:

phosphorylation site of Ser1176.

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

specific phosphopeptide. The antibody against non-phosphopeptide was removed by

chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: eNOS (Phospho-Ser1176) Antibody detects endogenous levels of eNOS only when phosphorylated at

Ser1176.

Reactivity: Human, Mouse, Rat

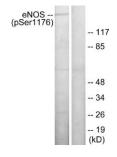
Applications: WB: 1:500~1:1000 ELISA: 1:20000

References:

Yong Chool Boo, Am J Physiol Heart Circ Physiol, Nov 2002; 283: 1819. Christian Pott, Am J Physiol Cell Physiol, May 2006; 290: C1437 - C1445. Monica Montagnani, J. Biol. Chem., Aug 2001; 276: 30392 - 30398. Peter F. Mount, Am J Physiol Renal Physiol, Nov 2005; 289: F1103 - F1115.

Application Images:

Figure1 (WB)



Western blot analysis of lysates from HeLa cells treated with Insulin 0.01U/ml 15', using eNOS (Phospho-Ser1176) Antibody. The lane on the right is

blocked with the phospho peptide.