



eNOS (Phospho-Thr494) Antibody

E11-7072A

Catalog Number: E11-7072A

Concentration: 1mg/ml

Swiss-Prot No.: P29474

Other Names: cNOS; Constitutive NOS; EC 1.14.13.39; EC-NOS; ECNOS; Endothelial NOS; Nitric-oxide synthase, endothelial; NOS, type III; NOS3; NOSIII

All Sites: Human: Thr494; Mouse: Thr494; Rat: Thr494

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

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human eNOS around the phosphorylation site of threonine 494 (K-K-T^P-F-K).

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-Thr494) antibody detects endogenous levels of eNOS only when phosphorylated at threonine 494.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 ELISA: 1:5000

References:

Janssens S.P., J. Biol. Chem. 267:14519-14522(1992).

Janssens S.P., J. Biol. Chem. 267:22694-22694(1992).

Marsden P.A., FEBS Lett. 307:287-293(1992).

