

- Catalog Number:** E11-7071A  
**Amount:** 100µg/100µl  
**Swiss-Prot No. :** P29474  
**All Names:** Constitutive NOS, EC 1.14.13.39, EC-NOS, ECNOS, Endothelial NOS, NOS, type III, NOS3, NOSIII, Nitric-oxide synthase, endothelial, cNOS  
**All Sites:** Human: Ser1176; Mouse: Ser1175; Rat: Ser1175  
**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.  
**Storage/Stability:** Store at -20°C/1 year  
**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human eNOS around the phosphorylation site of serine 1176 (T-Q-S<sup>P</sup>-F-S).  
**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/Sensitivity:** eNOS (phospho-Ser1176) antibody detects endogenous levels of eNOS only when phosphorylated at serine 1176 .  
**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.

