



## e-NOS (Phospho-Thr494) Antibody

#14190

**Catalog Number:** 14190-1, 14190-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** P29474

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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 Threonine 494

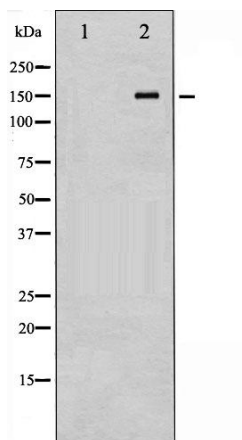
**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Specificity/Sensitivity:** Phospho-e-NOS (Thr 494) Antibody detects endogenous levels of e-NOS only when phosphorylated at Threonine 494

**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 HepG2 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.