



nNOS (Phospho-Ser852) Antibody

#11159

Catalog Number: 11159-1, 11159-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : Q9Z0J4

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 nNOS around the phosphorylation site of serine 852(F-N-SP-V-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.

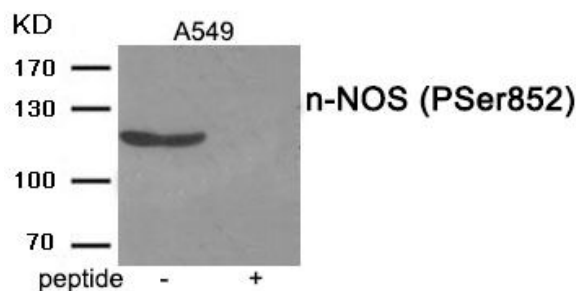
Specificity/Sensitivity: nNOS (Phospho-Ser852) antibody detects endogenous levels of nNOS only when phosphorylated at serine 852.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 120 kd

WB : 1:500~1:1000



Western blot analysis of extracts from A549 tissue using n-NOS (Phospho-Ser852) antibody #11159. The lane on the right is treated with the antigen-specific peptide.

Background :

nNOS nitric oxide synthase 1, neuronal form. Produces nitric oxide which is a messenger molecule with diverse functions and displays many properties of a neurotransmitter in the brain and peripheral nervous system. May be an effector enzyme for the dystrophin complex.

References:

Capettini LS, et al. (2011) DBr J Pharmacol 164, 1738-48

Ferreira JM, Burnett AL, Rameau GA (2011) J Neurosci 31, 1991-9

Chaudhury A, Rao YM, Goyal RK (2008) Am J Physiol Gastrointest Liver Physiol 295, G442-51