



## nNOS (Ab-852) Antibody

#21159

**Catalog Number:** 21159-1, 21159-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** Q9Z0J4

**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 non-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 immunogen.

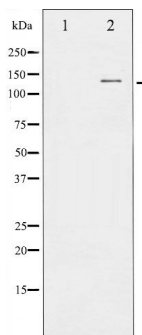
**Specificity/Sensitivity:** nNOS (Ab-852) antibody detects endogenous levels of total nNOS protein

**Reactivity:** Human, Mouse, Rat

### Applications:

Predicted MW: 120 kd

WB : 1:500~1:1000 IF/ICC: 1:100~1:200



Western blot analysis of nNOS expression in INF treated RAW264.7 whole cell lysates, The lane on the left 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:

- Liu JL et al. (2008) World J Gastroenterol. 14(20):3242-8.
- Guggilam A et al. (2008) Eur J Heart Fail. 10(7):625-34
- Marquina M et al. (2008) Br J Dermatol. 159(1):68-76.