

#21159

## nNOS (Ab-852) Antibody

**Catalog:** #21159-1 50µl **Orders:** [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
#21159-2 100µl **Support:** [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)  
**Storage:** Store at -20°C/1 year **Web:** [www.signalwayantibody.com](http://www.signalwayantibody.com)



Application	Species Reactivity	Source	Molecular Wt.
WB IF	Human Mouse Rat	Rabbit Polyconal Ab	160KD

**Description:** Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

**Specificity:** The antibody detects endogenous level of total nNOS protein.

**Immunogen:** Peptide sequence around aa.850~854 (F-N-S-V-S) derived from Human nNOS.

**Formulation:** Supplied at 1.0mg/mL 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.

**Synonyms:** BNOS Constitutive NOS N-NOS NC-NOS NOS1

**Accession No.:** Swiss-Prot#: P29475 NCBI Gene#: 4842  
NCBI Protein#: NP\_000611.1

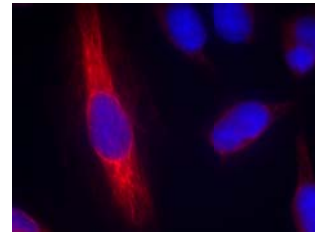
**Background:** Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In the brain and peripheral nervous system, NO displays many properties of a neurotransmitter.

### References:

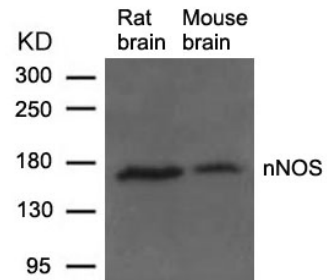
Liu JL et al. (2008) World J Gastroenterol. 14(20):3242-8.  
Guggilam A et al. (2008) Eur J Heart Fail. 10(7):625-34  
Marquina M et al. (2008) Br J Dermatol. 159(1):68-76.

### Recommended Dilutions:

Western blotting 1:500~1:1000  
Immunofluorescence 1:100~1:200



Immunofluorescence staining of methanol-fixed HeLa cells using nNOS (Ab-852) Antibody #21159.



Western blot analysis of extracts from Rat and Mouse brain tissue using nNOS (Ab-852) Antibody #21159.

### Citation:

If you publish research using #21159 please [let us know](#).

**Related Pathway:** Neuroscience, Akt

**Note:** For western blotting, incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight.