

Product datasheet for TA348683

NOS1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: WB: 1:500-1:2000 Human, Mouse, Rat

Modifications: Phospho-specific

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-Phospho-n-NOS (Ser852) Antibody: A synthesized peptide derived

from human n-NOS around the phosphorylation site of Serine 852

Formulation: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50%

glycerol. Store at -20?. Stable for 12 months from date of receipt

Concentration: lot specific

Purification: Immunogen affinity purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 120 160 kDa

Gene Name: nitric oxide synthase 1

Database Link: NP 000611

Entrez Gene 18125 MouseEntrez Gene 24598 RatEntrez Gene 4842 Human

P29475

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.

Synonyms: bNOS; IHPS1; N-NOS; NC-NOS; nNOS; NOS



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Note: Phospho-n-NOS (Ser852) Antibody detects endogenous levels of n-NOS only when

phosphorylated at Serine 852

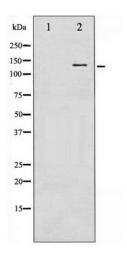
Protein Families: Druggable Genome

Protein Pathways: Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Arginine and proline metabolism,

Calcium signaling pathway, Long-term depression, Metabolic pathways, Pathways in cancer,

Small cell lung cancer

Product images:



Western blot analysis of n-NOS phosphorylation expression in A549 whole cell lysates, the lane on the left is treated with the antigen-specific peptide.