

Product datasheet for **TA348683**

NOS1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	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 Mouse Entrez Gene 24598 Rat Entrez 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:

