

## Product datasheet for **TA347878**

### NOS1 Rabbit Polyclonal Antibody

#### Product data:

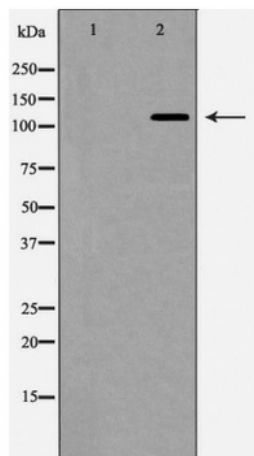
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-nNOS Antibody: A synthesized peptide derived from human nNOS
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% 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:	125 kDa
Gene Name:	nitric oxide synthase 1
Database Link:	<a href="#">NP_000611</a> <a href="#">Entrez Gene 18125 Mouse</a> <a href="#">Entrez Gene 24598 Rat</a> <a href="#">Entrez Gene 4842 Human</a> <a href="#">P29475</a>
Background:	NOS activity requires homodimerization as well as three cosubstrates (L-arginine, NADPH and O <sub>2</sub> ) and five cofactors or prosthetic groups (FAD, FMN, calmodulin, tetrahydrobiopterin and heme).
Synonyms:	bNOS; IHPS1; N-NOS; NC-NOS; nNOS; NOS
Note:	nNOS Antibody detects endogenous levels of total nNOS
Protein Families:	Druggable Genome



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**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 nNOS expression in HeLa cells