

## Product datasheet for **AP18138PU-N**

### eNOS (NOS3) (N-term) Rabbit Polyclonal Antibody

#### Product data:

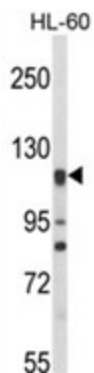
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human NOS3
Specificity:	This antibody reacts to NOS3.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nitric oxide synthase 3
Database Link:	<a href="#">Entrez Gene 4846 Human P29474</a>
Background:	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases.
Synonyms:	Endothelial NOS, EC-NOS, NOS type III, Constitutive NOS, eNOS
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, VEGF signaling pathway

**Product images:**

Western blot analysis of NOS3 Antibody (N-term) in HL-60 cell line lysates (35ug/lane). NOS3 (arrow) was detected using the purified Pab.