

Product datasheet for **AP55924PU-S**

NOS1 pSer852 Rabbit Polyclonal Antibody

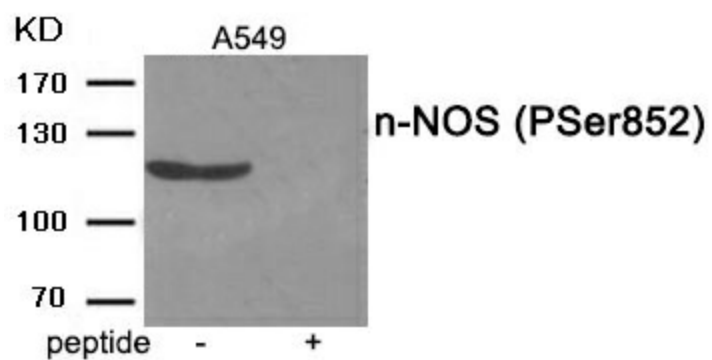
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:500~1:1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of serine 852(F-N-S(p)-V-S) derived from Human n-NOS (KLH-conjugated)
Specificity:	The antibody detects endogenous level of n-NOS only when phosphorylated at serine 852.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	120-160 kDa
Gene Name:	nitric oxide synthase 1
Database Link:	Entrez Gene 4842 Human P29475
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. Probably has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such SRR.
Synonyms:	bNOS, nNOS, NOS type I, Neuronal NOS, Constitutive NOS, NC-NOS



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Product images:



Western blot analysis of extracts from A549 tissue using n-NOS (Phospho-Ser852) Antibody. The lane on the right is treated with the antigen-specific peptide.