

Product datasheet for **AP55739PU-S**

eNOS (NOS3) pThr494 Rabbit Polyclonal Antibody

Product data:

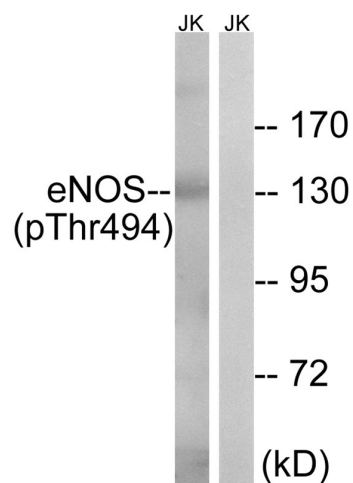
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:500~1:1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of threonine 494 (R-K-K(p)-T-F derived from Human eNOS (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of eNOS only when phosphorylated at threonine 494.
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:	140 kDa
Gene Name:	nitric oxide synthase 3
Database Link:	Entrez Gene 4846 Human P29474
Background:	Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.



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Synonyms: Endothelial NOS, EC-NOS, NOS type III, Constitutive NOS, eNOS

Product images:



Western blot analysis of extracts from Jurkat cells and HepG2 cells using eNOS (Phospho-Thr495) Antibody. The lane on the right is treated with the antigen-specific peptide.