

eNOS (Phospho-Ser1179) rabbit pAb

Cat No.:ES16744

For research use only

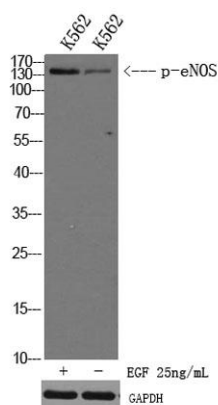
Overview

Product Name	eNOS (Phospho-Ser1179) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB
Species Cross-Reactivity	Human; Mouse; Rat
Recommended dilutions	IHC-p 1:50-200, WB 1:500-2000
Immunogen	Synthesized peptide derived from human eNOS (Phospho-Ser1179)
Specificity	This antibody detects endogenous phospho levels of eNOS (Phospho-Ser1179) at Human:S1179, Mouse:S1178, Rat:S1178
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	eNOS (Phospho-Ser1179)
Gene Name	NOS3
Cellular localization	Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus. Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	130-140kD
Human Gene ID	4846
Human Swiss-Prot Number	P29474
Alternative Names	Nitric oxide synthase, endothelial (EC 1.14.13.39;Constitutive NOS;cNOS;EC-NOS;Endothelial NOS;eNOS;NOS type III;NOSIII)
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. Variations in this gene are associated with susceptibility to coronary spasm. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009],



Western Blot analysis of K562 cells, cell treated or untreated by EGF 20ng/ml 30'. Primary Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

