



Anti-NOS3 polyclonal antibody (DPAB-DC1158)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	enzyme that synthesizes Nitric oxide from L-arginine [RGD, Feb 2006]
Specificity	This antibody recognizes 140 KDa eNOS of human, mouse, and rat origins.
Immunogen	A synthetic peptide corresponding to the residues surrounding amino acid 602 of rat Nos3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	100 µg
Buffer	In PBS (30% glycerol, 0.5% BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Nos3 nitric oxide synthase 3, endothelial cell [Rattus norvegicus (Norway rat)]
Official Symbol	NOS3

Synonyms	NOS3; nitric oxide synthase 3, endothelial cell; eNos; nitric oxide synthase, endothelial; cNOS; EC-NOS; NOSIII; NOS type III; endothelial NOS; constitutive NOS; endothelial nitric oxide synthase 3;
Entrez Gene ID	24600
Protein Refseq	NP_068610
UniProt ID	Q62600
Chromosome Location	4q11
Pathway	ACE Inhibitor Pathway; Arginine and proline metabolism; Calcium signaling pathway; Estrogen signaling pathway
Function	FMN binding; Hsp90 protein binding; NADP binding; NADPH-hemoprotein reductase activity