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[Primary Antibody]

Recombinant Rabbit Anti-NOS3 Monoclonal Antibody

Catalog Number: SLA0905M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	12H2
GeneID:	4846
SWISS:	P29474
Target:	NOS3
Immunogen:	KLH conjugated Synthesised phosphopeptide derived from human eNOS around the phosphorylation site of Ser1177:
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	133 kDa
Subcellular Location:	Cytoplasm
Background:	Nitric oxide synthase NOS oxidizes a guanidine nitrogen of arginine releasing nitric oxide in the form of a free radical and citrulline. Nitric oxide thus generated acts as a messenger in diverse functions including vasodilation neurotransmission, anti tumor and anti pathogenic activities. NOS is classified under three types: neuronal NOS (nNOS) or brain NOS (bNOS); inducible NOS (iNOS) or macrophage NOS (mNOS); and endothelial NOS (eNOS).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.