

**Product Name: nNOS (neuronal) (9C9) Rabbit
Monoclonal Antibody
Catalog #: AMRe14769**

Summary

Production Name	nNOS (neuronal) (9C9) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	NOS1
Alternative Names	bNOS; Constitutive NOS; IHPS1; N-NOS; NC-NOS; Neuronal NOS; nitric oxide synthase 1 (neuronal); Nitric oxide synthase, brain; nNOS; NOS; NOS type I; NOS1;
Gene ID	4842.0
SwissProt ID	P29475. A synthetic peptide of human nNOS (neuronal)

Application

Dilution Ratio	WB 1:1000, ICC/IF 1:100-1:200, FCM 1:200-1:500, IP 1:100-1:200
Molecular Weight	161kDa

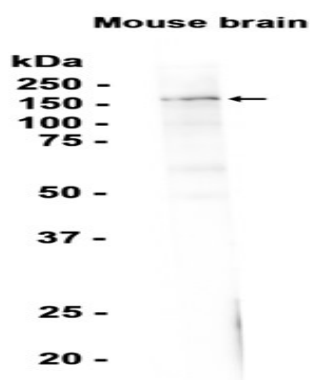
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Background

nNOS nitric oxide synthase 1, neuronal form. Produces nitric oxide which is a messenger molecule with diverse functions and displays many properties of a neurotransmitter in the brain and peripheral nervous system. May be an effector enzyme for the dystrophin complex. 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 as SRR.

Research Area

Image Data



Western blot analysis of extracts from Mouse brain tissue using RM4351 at 1:1000.

Note

For research use only.