

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:100-1:200,FC 1:200-1:500,IP 1:100-1:200
Molecular Weight	161kDa

Antigen Information

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
Immunogen	A synthetic peptide of human nNOS (neuronal)

Background

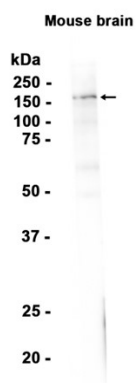
nNOS nitric oxide synthase 1, neuronal form. Produces nitric oxide which is a messenger molecule with diverse functions and

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 SRR.

Research Area

Arginine and proline metabolism;Calcium;Long-term depression;Alzheimer's disease;Amyotrophic lateral sclerosis (ALS);

Image Data



Western blot analysis of extracts from Mouse brain tissue using nNOS (neuronal) (9C9) Rabbit Monoclonal Antibody at 1:1000.