



NOS1 Monoclonal Antibody

Catalog No	YP-mAb-02718
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NOS1
Immunogen	The antiserum was produced against synthesized peptide derived from human nNOS. AA range:818-867
Specificity	NOS1 Monoclonal Antibody detects endogenous levels of NOS1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NOS1;Nitric oxide synthase brain;Nitric oxide synthase;brain;Constitutive NOS; NC-NOS;NOS type I;Neuronal NOS;N-NOS;nNOS;Peptidyl-cysteine S-nitrosylase NOS1;bNOS
Observed Band	120
Calculated Molecular Weight	160559
Cell Pathway	Cell membrane, sarcolemma; Peripheral membrane protein. Cell projection, dendritic spine . In skeletal muscle, it is localized beneath the sarcolemma of fast-twitch muscle fiber by associating with the dystrophin glycoprotein complex. In neurons, enriched in dendritic spines (By similarity). .
Tissue Specificity	Isoform 1 is ubiquitously expressed: detected in skeletal muscle and brain, also in testis, lung and kidney, and at low levels in heart, adrenal gland and retina. Not detected in the platelets. Isoform 3 is expressed only in testis. Isoform 4 is detected in testis, skeletal muscle, lung, and kidney, at low levels in the brain, but not in the heart and adrenal gland.
Function	
Background	

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images