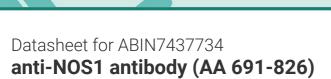
antibodies -online.com







Images



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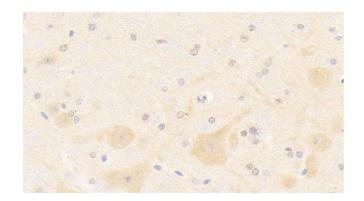
Quantity:	100 μL
Target:	NOS1
Binding Specificity:	AA 691-826
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NOS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Nitric Oxide Synthase 1, Neuronal (NOS1)
lmmunogen:	Recombinant Nitric Oxide Synthase 1, Neuronal (NOS1) corresdonding to Phe691~Met826 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NOS1. It has been selected for its ability to recognize NOS1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

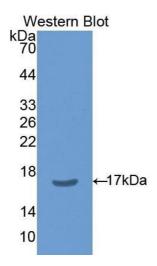
Target Details

Target:	NOS1
Alternative Name:	Nitric Oxide Synthase 1, Neuronal (NOS1 Products)
Background:	NOS, nNOS, IHPS1, NC-NOS, N-NOS, bNOS, Neuronal NOS, Constitutive NOS, NOS type I, Nitric Ocide Synthase, Peptidyl-cysteine S-nitrosylase NOS1
Pathways:	Negative Regulation of Hormone Secretion, Myometrial Relaxation and Contraction
Application Details	
Application Notes:	Western blotting: 0.5-2 μ g/mL Immunohistochemistry: 5-20 μ g/mL Immunocytochemistry: 5-20 μ g/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



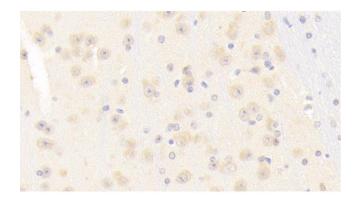
Immunohistochemistry

Image 1. Detection of NOS1 in Mouse Cerebellum Tissue using Polyclonal Antibody to Nitric Oxide Synthase 1, Neuronal (NOS1)



Western Blotting

Image 2. Detection of Recombinant NOS1, Mouse using Polyclonal Antibody to Nitric Oxide Synthase 1, Neuronal (NOS1)



Immunohistochemistry

Image 3. Detection of NOS1 in Mouse Cerebrum Tissue using Polyclonal Antibody to Nitric Oxide Synthase 1, Neuronal (NOS1)