

## anti- nNOS antibody

### Product Information

Catalog No.:	FNab05774
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

nNOS belongs to the NOS family. NOS1 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. NO is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. NO is synthesized from L-arginine by nitric oxide synthases. NOS1 is a nitric oxide synthase which is highly expressed in skeletal muscle. Genetic variations in NOS1 gene are associated with susceptibility to infantile hypertrophic pyloric stenosis type 1(IHPS1).The antibody can recognize isoform 1,2,4,5 of NOS1.

### Immunogen information

Immunogen:	nitric oxide synthase 1(neuronal)
Synonyms:	bNOS, Constitutive NOS, IHPS1, N NOS, NC NOS, Neuronal NOS, Nitric oxide synthase, brain, nNOS, NOS, NOS type I, NOS1
Observed MW:	161kd
Uniprot ID :	P29475

### Application

Reactivity:	Human, Mouse, Rat
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### Wuhan Fine Biotech Co., Ltd.

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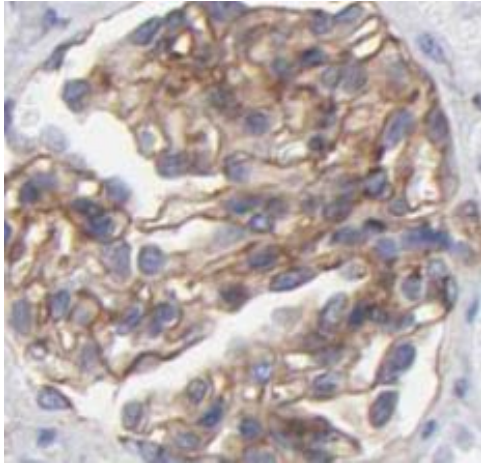
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

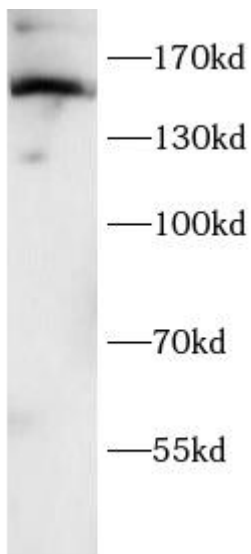
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab05774(nNOS Antibody) at dilution of 1:50



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab05774(nNOS antibody) at dilution of 1:1000

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