

# nNOS antibody

**Cat. No. GTX82905**

|                    |  |
|--------------------|--|
| <b>Host</b>        | Rabbit   |
| <b>Clonality</b>   | Polyclonal   |
| <b>Isotype</b>     | IgG  |
| <b>Application</b> | WB, ICC/IF, IHC-P, IHC-Fr, IP                            |
| <b>Reactivity</b>  | Human, Mouse, Rat, Zebrafish, Rabbit, Bovine, Guinea pig |

Reference ( 2 )  
Package  
100 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:1000               |
| ICC/IF             | 1:250                |
| IHC-P              | 1:200-400            |
| IHC-Fr             | 1:800                |
| IP                 | Assay dependent      |

Not tested in other applications.

**Calculated MW** 160 kDa. ( [Note](#) )

**Product Note** This antibody does not detect endothelial NOS (eNOS) or inducible NOS (iNOS).

## PROPERTIES

|                     |  |
|---------------------|--|
| <b>Form</b>         | Liquid   |
| <b>Buffer</b>       | Serum diluted with PBS   |
| <b>Preservative</b> | 0.05% Sodium azide   |
| <b>Storage</b>      | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Immunogen</b>    | Synthetic peptide corresponding to residues T(724) K R R A I G F K K L A E A V K(739) C of rat bNOS.   |
| <b>Purification</b> | Unpurified   |
| <b>Conjugation</b>  | Unconjugated   |

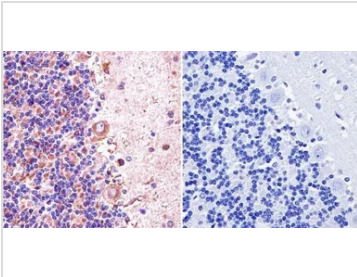


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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX82905 IHC-P Image**

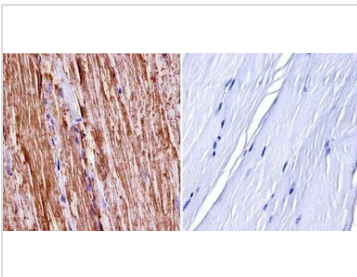
IHC-P analysis of rat cerebellum tissue using GTX82905 nNOS antibody.

Left : Primary antibody

Right : Negative control without primary antibody

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:200


**GTX82905 IHC-P Image**

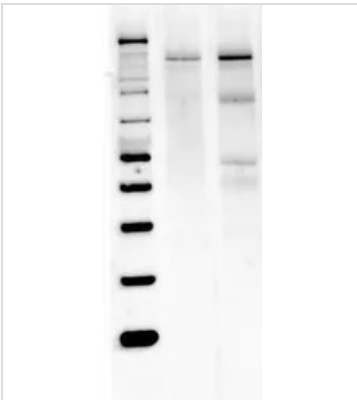
IHC-P analysis of mouse skeletal muscle tissue using GTX82905 nNOS antibody.

Left : Primary antibody

Right : Negative control without primary antibody

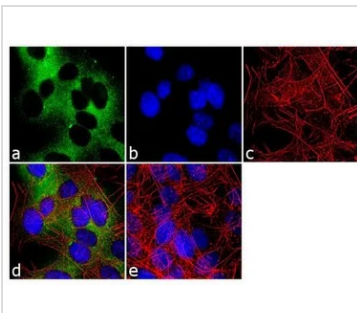
Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:400


**GTX82905 WB Image**

WB analysis of 40 µg of mouse (Lane 1) and rat brain (Lane 2) tissue lysate using GTX82905 nNOS antibody.

Dilution : 1:1000


**GTX82905 ICC/IF Image**

ICC/IF analysis of SH-SY5Y cells using GTX82905 nNOS antibody. Panel e is a no primary antibody control.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton X-100 for 10 minute

Dilution : 1:250 dilution in 0.1% BSA and incubated for 3 hours at room temperature



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