

nNOS antibody

Cat. No. GTX82905

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

References (2)

Package

100 µl

Applications

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

Form	Liquid
Buffer	Serum diluted with PBS
Preservative	0.05% Sodium azide
Storage	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.
Immunogen	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.
Purification	Unpurified
Conjugation	Unconjugated



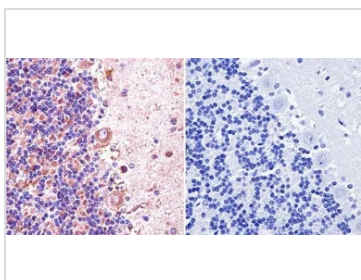
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Note

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

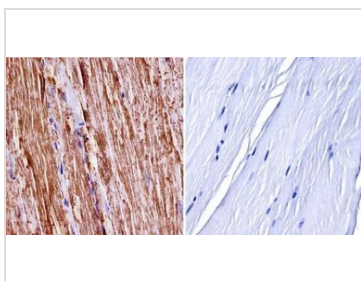
IHC-P analysis of rat cerebellum tissue using GTX82905 nNOS antibody.

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

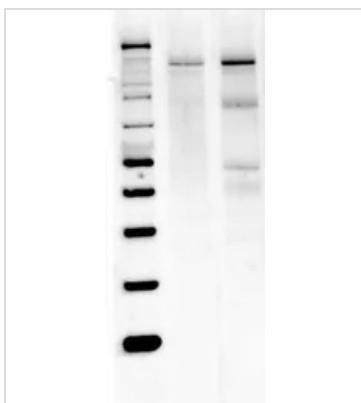
IHC-P analysis of mouse skeletal muscle tissue using GTX82905 nNOS antibody.

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

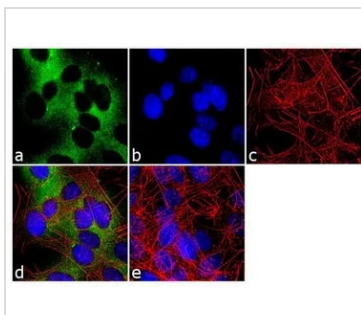
Dilution : 1:400



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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