

Product Datasheet

nNOS Antibody NB120-3511

Unit Size: 100uL

Store at -20C. Avoid freeze-thaw cycles.

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NB120-3511

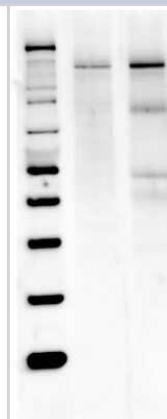
nNOS Antibody

Product Information	
Unit Size	100uL
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera with PBS
Product Description	
Host	Rabbit
Gene ID	4842
Gene Symbol	NOS1
Species	Mouse, Rat, Bovine, Guinea Pig, Rabbit
Specificity/Sensitivity	Detects bNOS from bovine, mouse, rabbit and rat tissues. This does not detect endothelial NOS (eNOS) or inducible NOS (iNOS).
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.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 2 ug/ml, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:200 - 400, Immunohistochemistry-Frozen 1:8000
Application Notes	WB: Detects an approx. 155 kDa protein representing bNOS from rat brain extract. IHC: Staining of bNOS in rat brain results in staining of the anterior pituitary.

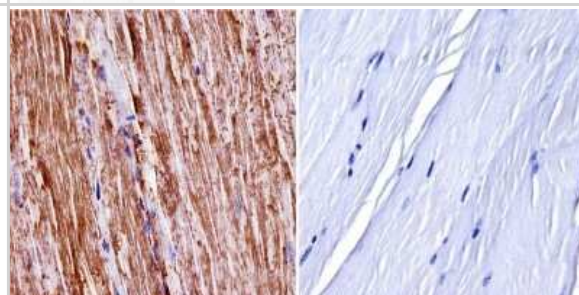


Images

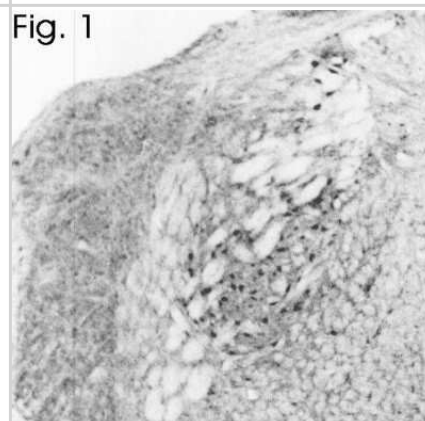
Western Blot: nNOS Antibody [NB120-3511] - Analysis of 40 ug of Mouse (Lane 1) and Rat Brain (Lane 2) tissue lysate.



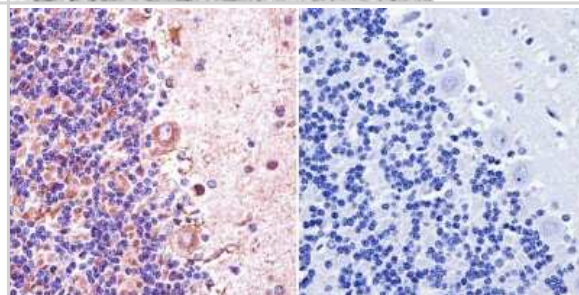
Immunohistochemistry-Paraffin: nNOS Antibody [NB120-3511] - Normal biopsies of deparaffinized mouse skeletal muscle tissue at dilution 1:400.



Immunohistochemistry: nNOS Antibody [NB120-3511] - Staining of bNOS in rat brain.



Immunohistochemistry-Paraffin: nNOS Antibody [NB120-3511] - Normal biopsies of deparaffinized Rat cerebellum tissue.



Publications

Gutziet O, Iluz R, Ben Asher H et al. Maternal N-Acetyl-Cysteine Prevents Neonatal Hypoxia-Induced Brain Injury in a Rat Model International journal of molecular sciences 2021-12-20 [PMID: 34948425] (WB, Rat)

Brehmer A Classification of human enteric neurons Histochemistry and cell biology 2021-06-25 [PMID: 34170401]

Wang T, Gao W et al. Interaction between interleukin 6 and angiotensin II receptor 1 in the hypothalamic paraventricular nucleus contributes to progression of heart failure. Mol Med Rep 2017-01-06 [PMID: 28440487] (WB, Rat)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com

Technical Support: nb-technical@bio-techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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